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FILE 'REGISTRY' ENTERED AT 15:20:21 ON 21 OCT 2003
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STRUCTURE FILE UPDATES: 20 OCT 2003 HIGHEST RN 607332-91-2
DICTIONARY FILE UPDATES: 20 OCT 2003 HIGHEST RN 607332-91-2

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

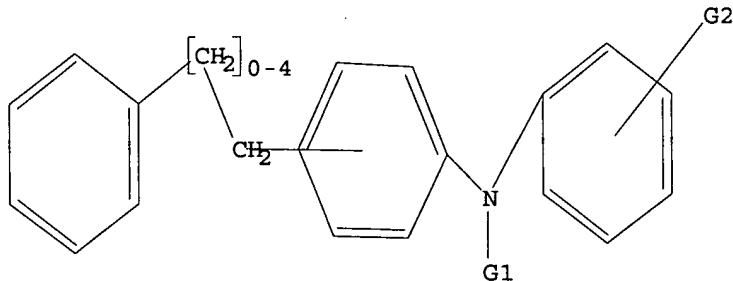
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 10009611.str

L1 STRUCTURE uploaded

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 C, H, Ak
G2 COOH, Hy, SO2, C

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 15:20:51 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5312 TO ITERATE

18.8% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
PROJECTED ITERATIONS: 101871 TO 110609
PROJECTED ANSWERS: 1 TO 244

L2 1 SEA SSS SAM L1

=> s 11 sss full
FULL SEARCH INITIATED 15:20:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 105265 TO ITERATE

100.0% PROCESSED 105265 ITERATIONS 222 ANSWERS
SEARCH TIME: 00.00.03

L3 222 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
148.15 148.36

FILE 'CAPLUS' ENTERED AT 15:21:06 ON 21 OCT 2003
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FILE COVERS 1907 - 21 Oct 2003 VOL 139 ISS 17
FILE LAST UPDATED: 20 Oct 2003 (20031020/ED)

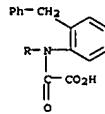
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13
L4 50 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2003-284652 CAPLUS
 DOCUMENT NUMBER: 139-17110
 TITLE: Discovery and Structure-Activity Relationship of Oxalylarylaminobenzoic Acids as Inhibitors of Protein Tyrosine Phosphatase 1B
 AUTHOR(S): Liu, Gang; Szczerba-Kiewicz, Bruce G.; Pei, Zhonghua; Janowich, David A.; Xin, Zhili; Hejduk, Philip J.; Abad-Zapatero, Cale; Liang, Heng; Hutchins, Charles W.; Pesik, Stephen M.; Bellaroni, Steve J.; Stashko, Mike A.; Lubben, Tom; Mika, Amanda K.; Zinker, Bradley
 CORPORATE SOURCE: A.; Trevillyan, James M.; Jirousek, Michael R. Metabolic Disease Research and Advanced Technology, Global Pharmaceutical Research and Development,
 Abbott Laboratories, Abbott Park, IL, 60064-6098, USA
 SOURCE: Journal of Medicinal Chemistry (2003), 46(11), 2093-2103 CODEN: JMCMAR; ISSN: 0022-2623
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Protein Tyrosine phosphatase 1B (PTP1B) has been implicated as a key neg. regulator of both insulin and leptin signaling pathways. Using an NMN-based screening approach with 15N- and 13C-labeled PTP1B, we have identified 2,3-dimethylphenyloxalylaminobenzoic acid (1) as a general, reversible, and competitive PTPase inhibitor. Structure-based approach guided by x-ray crystallography facilitated the development of 1 into a novel series of potent and selective PTP1B inhibitors occupying both the catalytic site and a portion of the noncatalytic, second phosphorytyrosine binding site. Interestingly, oral bioavailability has been obse. in rats for some compds. Furthermore, it demonstrated in vivo plasma glucose lowering effects with compd. 12d in db/db mice.
 IT 537021-32-29
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. and structure-activity relationships of oxalylarylaminobenzoic acids as inhibitors of protein tyrosine phosphatase 1B)
 RN 537021-32-2 CAPLUS
 CN Benzoic acid, 2-[(carboxycarbonyl)(2-(phenylmethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

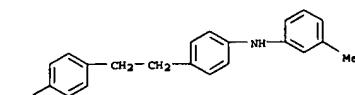
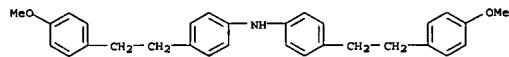


REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 2 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002-672226 CAPLUS
 DOCUMENT NUMBER: 137-224075
 TITLE: Triarylamine structure-containing diphenols and their aromatic polycarbonates for electrophotographic photoreceptors
 INVENTOR(S): Sasaki, Masami; Kawamura, Shinichi; Nagai, Kazuyuki; Li, Hung-guo; Morooka, Katsuhiko; Suzuki, Susumu
 PATENT ASSIGNEE(S): Ricoh Co., Ltd., Japan
 SOURCE: Jpn Kokai Tokkyo Koho, 35 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002249472	A2	20020906	JP 2001-368274	20011203
US 2002147278	A1	20021010	US 2001-82	20011204
PRIORITY APPLN. INFO.: JP 2000-368297 A 200000000000				
OTHER SOURCE(S): MARPAT 137:224075				
AB The diphenols are represented by HOAr1Rar2Ar3(2Nar3)nAr4R'Ar5OH [Ar3 = (un)substituted aryl; Z = arylene, Ar2Ar6; Ar1, Ar2, Ar4, Ar5, Ar6 = (un)substituted arylene; za = O, S, alkylene; R, R' = linear or branched alkylene; n = 0, 1]. Arom. polycarbonates derived from the diphenols are contained in photosensitive layers on conductive supports of electrophotog. photoreceptors. The polycarbonates may be represented by OC6H3RaRC6H3RbNar3(2Nar3)nC6H3RcR'C6H3RdcO2XO2C (Ar3, Z, R, R', and n are same as above; Ra-Rd = alkyl). Electrophotog. method, app., and process cartridges using the photoreceptors are also claimed. The polycarbonates having charge-transporting structure give photoreceptors with high sensitivity and durability.				
IT 454703-86-7 454703-95-8 RL: RCT (Reactant); RACT (Reactant or reagent) (triarylamine structure-contg. diphenols and their arom. polycarbonates for electrophotog. photoreceptors)				
RN 454703-86-7 CAPLUS CN Benzenamine, N-[4-(2-(4-methoxyphenyl)ethyl)phenyl]-3-methyl- (9CI) (CA INDEX NAME)				

L4 ANSWER 2 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 454703-95-8 CAPLUS
 CN Benzenamine, N-[4-(2-(4-methoxyphenyl)ethyl)-N-(4-(2-(4-methoxyphenyl)ethyl)phenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:171837 CAPLUS
 DOCUMENT NUMBER: 136:232111
 TITLE: Process for making N-arylanthranilic acids and their derivatives
 INVENTOR(S): Chen, Michael Hsia Gu; Davis, Edward Mark; Magano, Javier; Nanninga, Thomas Norman; Winkle, Derick Dale
 PATENT ASSIGNEE(S): Warner-Lambert Company, USA
 SOURCE: PCT Int. Appl., 149 pp.
 CODEN: PIXDD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PARENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2002018319	A1	20020307	WO 2001-US22948	20010720	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW	AM, AZ, BV, KO, KZ, MD, RU, TJ, TM	BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG	C1	CO ₂ H	
AU 2001077044	A5	20020313	AU 2001-77044	20010720	
EP 1313694	A1	20030528	EP 2001-954824	20010720	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
BR 2001012520	A	20030624	BR 2001-13520	20010720	
NO 200300844	A	20030225	NO 2003-844	20030224	
PRIORITY APPLN. INFO.: US 2000-228206P			US 2000-228206P	P 20000825	
				WO 2001-US22948	W 20010720

OTHER SOURCE(S): CASREACT 136:232111; MARPAT 136:232111

AB N-arylanthranilic acids, their esters, amides, and hydroxamic esters are prep'd. by coupling 1 equiv. of an aniline deriv. with 1 equiv. of an arom.

carboxylic acid carrying a leaving group, such as halo, alkyl- or arylsulfonyloxy, or phosphate, in presence of approx. 10 equiv. base. Thus 2,3,4-P3C6H2CO2H was coupled with 2,4-Cl(1)C6H3NH2 in presence of LiN(CHMe₂)₂ in THF. The base was added at intervals at -20-degree. with warming to room temp between addns. and the yield of

3,4-(P2C6H3NHCH3(1))Cl 4,2 was 78%. This compnd. was converted to the acid chloride and treated with cyclopentylmethoxamine hydrochloride to give the N-cyclopentylmethoxamide. The process is suitable for industrial prodn.

IT 313674-97-4 313675-05-79

RL: IMP (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(process for making N-arylanthranilic acids and their derivs.)

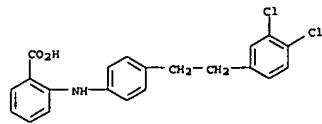
RN 313674-97-4 CAPLUS

CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino)- (9CI)

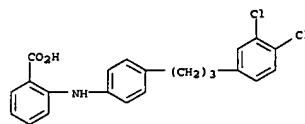
(CA INDEX NAME)

INDEX NAME)

L4 ANSWER 3 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-05-7 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino)- (9CI)
 (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:146398 CAPLUS
 DOCUMENT NUMBER: 137:33101
 TITLE: A simple and efficient synthesis of 2-anilinobenzoic acids
 AUTHOR(S): Chen, M. H.; Beylim, V. G.; Iakovleva, E.; Kesten, S. J.; Magano, J.; Vrieze, D.
 CORPORATE SOURCE: Pfizer Research and Development, Ann Arbor, MI,
 48105, USA
 SOURCE: Synthetic Communications (2002), 32(3), 411-417
 CODEN: SYNCV; ISSN: 0039-7911
 PUBLISHER: Marcel Dekker, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 137:33101

AB A new method for the synthesis of 2-anilinobenzoic acids is presented, with 2-fluorobenzoic acids and anilines as starting materials. Several exptl. conditions as well as the factors influencing the outcome of the reaction are described.

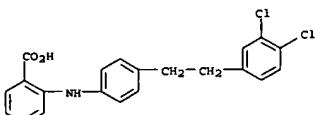
IT 313674-97-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prep. of anilinobenzoic acids from aniline and fluorobenzene)

RN 313674-97-4 CAPLUS

CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino)- (9CI)

(CA INDEX NAME)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:50471 CAPLUS
 DOCUMENT NUMBER: 134:140934
 TITLE: Albumin-binding compounds that prevent nonenzymatic glycation and may be used for treatment of glycation-related pathologies
 INVENTOR(S): Cohen, Margo
 PATENT ASSIGNEE(S): Exocell, Inc., USA
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXDD2

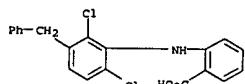
DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PARENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001003684	A2	20010118	WO 2000-US18449	20000706
WO 2001003684	A3	20020606	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW	AM, AZ, BV, KO, KZ, MD, RU, TJ, TM
US 6355680	B1	20020312	US 1999-349853	19990708
AU 2000059151	A5	20010130	AU 2000-59151	20000706
EP 1242069	A2	20020925	EP 2000-945171	20000706
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003504328	T2	20030204	JP 2001-508965	20000706

PRIORITY APPLN. INFO.: US 1999-149853 A 19990708
 US 1996-603147 B2 19960220
 WO 1997-US2622 A2 19970219
 US 1998-15148 A2 19980129
 WO 2000-US18449 W 20000706

OTHER SOURCE(S): MARPAT 134:120934
 AB The present invention is directed to compds. that inhibit the nonenzymic glycation of albumin, as well as methods of using compds. that inhibit albumin glycation for the treatment of glycation-related pathologies. An example of such compd. is 2-[(3-Chlorophenyl)amino]acetic acid.
 IT 320777-06-8
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (albumin-binding compds. that prevent nonenzymic glycation for treatment of glycation-related pathologies)
 RN 320777-06-8 CAPLUS
 CN Benzoic acid, 2-[(2,6-dichloro-3-(phenylmethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

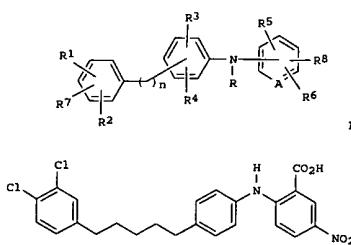
L4 ANSWER 5 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



14 ANSWER 6 OF 50 CAPIUS COPYRIGHT 2003 ACS ON STN
 ACCESSION NUMBER: 2000:900433 CAPIUS
 DOCUMENT NUMBER: 134:56480
 TITLE: Method of inhibiting amyloid protein aggregation,
 treating Alzheimer's disease, and imaging amyloid
 deposits using [(phenylalkyl)phenyl]amino)benzoic
 acids and analogs
 INVENTOR(S): Augelli-Szafran, Corinne Elizabeth; Barvian, Mark
 Robert; Bigge, Christopher Franklin; Glase, Shelly
 Ann; Hachiya, Shunichiro; Hsieh, John Steven; Kimura,
 Takemori; Lai, Yingjie; Sakkab, Annette Therese;
 Suto,
 Tomoyuki; Mark James; Walker, Lary Craswell; Yasunaga,
 PATENT ASSIGNEE(S): Zhuang, Nian
 Pharmaceutical Warner-Lambert Company, USA; Yamamoto
 SOURCE: Company, Ltd.; et al.
 PCT Int. Appl., 135 pp.
 Coden: PIKXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000076485	A2	20001221	WO 2000-US15071	20000531
WO 2000076489	A3	200010530		
W: AE, AL, AU, BE, BG, BR, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, GR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, ME, MK, MN, MX, MZ, NO, NL, PL, RO, SG, SI, SK, SL, TR, TT UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MN, MR, SD, SL, SZ, TZ,UG, ZW, AT, BE, CH, CY DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SD, TG				
BR 20000011728 A 20020226 BR 2000-11728 20000531				
EP 1225886 A2 20020731 EP 2000-939471 20000531				
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JP 2003504310 T2 20030204 JP 2001-502833 20000531				
EE 200100673 A 20030217 EE 2001-673 20000531				
NO 200105595 A 20020204 NO 2001-5995 20011207				
BG 106293 A 20020628 BG 2002-106293 20020109				
RTY APPNLS. INFO.: US 1993-138550P P 19990610 ER SOURCE(S): MARPAT 134:5648D WO 2000-US15071 W 20000531				

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

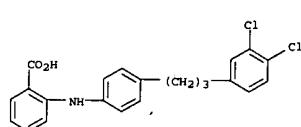


AB The invention provides a method of treating Alzheimer's disease using compds. I and their pharmaceutically acceptable salts [wherein: R = H, alkyl, alkanoyl; n = 0-5; R₁-R₇ = H, halo, OH, (*un*)substituted NH₂ or cyclic amino, CO₂H or derivs., NO₂, alkoxy, CF₃, cyano, (*un*)substituted OPh, etc.; or R₁₂R₁₂ = OCH₂; R₈ = CO₂H, tetrazolyl, SO₂R₉, SO₂NR₉; R₉ = H, alkyl, CF₃, or Ph; A = CH or N]. Also provided is a method of inhibiting the aggregation of amyloid proteins using I, and a method of imaging amyloid deposits, as well as new compds. Claims further include pharmaceutical compositions contg. I. Examples include 163 synthetic examples and 4 bioassays. For instance, title compd. II was prep'd. by a sequence of: (1) reaction of 4-(bromomethyl)-1,2-dichlorobenzene with

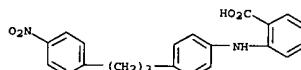
PPh3 to give a bromophosphorane (i.e., phosphonium salt) (78%); (2) Swern oxidation of 4-(4-nitrophenyl)butan-1-ol to the aldehyde (65%); (3) Wittig reaction of the above 2 products to give an alkene (99%); (4) hydrogenation of the alkene and nitro function (46%); and (5) lithiation and coupling of the amine with 2-fluoro-5-nitrobenzoic acid (75%). In an assay for inhibition of self-seeded amyloid fibril growth, II had an IC₅₀ of 0.9 μM. A combinatorial methodol. for prepn. of I is also described.

described.
IT 333675-05-7P, 2-[{[4-(3,4-Dichlorophenyl)propyl]phenyl}amino]benzoic acid 333675-61-2P, 2-[{[4-(3,4-Dichlorophenyl)propyl]phenyl}amino]benzoic acid 333675-63-7P, 2-[{[4-(3,4-Dichlorophenyl)propyl]phenyl}amino]benzoic acid 333675-48-1P, 2-[{[(3,4-Dichlorophenoxy)ethyl]phenyl}amino]benzoic acid 333676-64-1P, 2-[{[(3,4-Dichlorophenoxy)ethyl]phenyl}amino]benzoic acid 333676-65-2P, 2-[{[(3,4-Dichlorophenoxy)ethyl]phenyl}amino]benzoic acid RL: BAC (Biological activity or effector, except adjuvant, ECU)

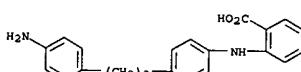
(Biological) (Biological activity or effector, except adverse); BSU
 study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT
 (Reactant or reagent); USES (Uses)
 [drug candidate; prepn. and use of [(*phenylalkyl*)phenylamino]benzoic
 acid and analogs as amyloid protein aggregation inhibitors)
 RN 3136155-05-7 CAPLUS
 Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenylamino)-
 (SC1)



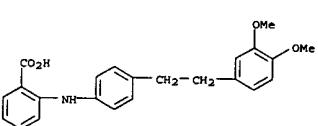
RN 313675-61-5 CAPLUS
CN Benzoic acid, 2-[(4-[(3-(4-nitrophenyl)propyl]phenyl)amino)- (9CI) (CA INDEX NAME)



RN 313675-63-7 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-aminophenyl)propyl]phenyl)amino]- (9CI) (CA
UNSUB-NH2)



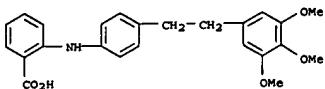
RN 313676-48-1 CAPLUS
CN Benzoic acid, 2-[4-[2-(3,4-dimethoxyphenyl)ethyl]phenyl]amino
IUPAC name: 2-[4-[2-(3,4-dimethoxyphenyl)ethyl]phenyl]benzoic acid



RN 313676-64-1 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4,5-trimethoxy

21/2003
our work

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)

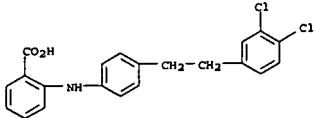
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313675-76-2P, 2-[(4-[2-(4-Acetylaminophenyl)ethyl]phenyl)amino]benzoic acid
313675-77-3P,
2-[(4-[2-(3-Acetylaminophenyl)ethyl]phenyl)amino]benzoic acid
313675-78-4P, 2-[(4-[2-(3-Diropylaminophenyl)ethyl]phenyl)amino]benzoic acid
313675-79-5P, 2-[(4-[2-(3-Dibutylaminophenyl)ethyl]phenyl)amino]benzoic acid
313675-80-9P, 2-[(4-[3-(4-Acetylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-81-9P, 2-[(4-[3-(Acetylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-82-0P,
2-[(4-[2-(3-Diethylaminophenyl)ethyl]phenyl)amino]benzoic acid
monohydrochloride
313675-83-1P, 2-[(4-[2-(3-Piperidin-1-yl)phenyl]ethyl)phenyl]amino]benzoic acid
monohydrochloride
313675-84-2P, 2-[(4-[3-(4-Diropylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-86-4P, 2-[(4-[3-(4-Dibutylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-87-5P,
2-[(4-[3-(3-Dibutylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-89-7P, 2-[(4-[3-(4-(1H-Pyrrol-1-yl)phenyl)propyl]phenyl)amino]benzoic acid
313675-91-1P,
2-[(4-[3-(4-Piperidin-1-yl)phenyl)propyl]phenyl)amino]benzoic acid
313675-92-2P, 2-[(4-[3-(4-(Diethylcarbamoyl)phenyl)propyl]phenyl)amino]benzoic acid
313675-93-3P, 2-[(4-[3-(4-Carboxyphenyl)propyl]phenyl)amino]benzoic acid
313675-94-4P,
2-[(4-[3-(4-(Diethylamino)methyl)phenyl)propyl]phenyl)amino]benzoic acid
313675-95-5P, 2-[(4-[3-(4-Propylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-96-6P, 2-[(4-[3-(3-Propylaminophenyl)propyl]phenyl)amino]benzoic acid
313675-97-7P,
2-[(4-[3-(4-Pyrrolidin-1-yl)phenyl)propyl]phenyl)amino]benzoic acid
313675-98-8P, 2-[(4-[3-(3-Piperidin-1-yl)phenyl)propyl]phenyl)amino]benzoic acid
313676-01-8P,
2-[(4-[3-(3,4-Dichlorophenyl)propyl]phenyl)amino]-5-methylbenzoic acid
313676-04-9P, N-[2-[(4-[3-(3,4-Dichlorophenyl)propyl]phenyl)amino]benzyl]methanesulfonamide
313676-05-0P, 2-[(4-[2-(4-Chloro-3-trifluoromethylphenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-06-1P, 2-[(4-[2-(4-Fluoro-3-trifluoromethylphenyl)ethyl]phenyl)amino]benzoic acid
313676-07-2P, [4-[2-(3,4-Dichlorophenyl)ethyl]phenyl]2-[1H-tetrazol-5-yl]phenylamine
313676-08-3P, 2-[(4-[2-(4-Fluoro-3-trifluoromethylphenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-09-4P,
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313676-11-8P, 2-[(4-[2-(3-Chlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-12-9P, 2-[(4-[2-(4-Chlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-13-0P,
2-[(4-[2-(2-Chlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-14-1P, 2-[(4-[2-(2,4-Dichlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-15-2P, 2-[(4-[2-(4-Dibutylaminophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-16-3P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-dimethylaminobenzoic acid
313676-17-4P, 2-[(4-[2-(3,5-Dichlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid
313676-18-5P,
2-[(4-[2-(4-(44S,8R)-Octahydroisoquinolin-2-yl)phenyl]ethyl)phenyl]amino]benzoic acid
313676-26-5P,
3-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]benzoic acid
313676-27-6P, 5-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]isopthalic acid
313676-29-8P, 2-[(4-[2-(3-Chloro-4-methylphenyl)ethyl]phenyl)amino]-4,5-dimethoxybenzoic acid
313676-30-1P, 3-[(4-[2-(3-Chloro-4-nitrobenzoic acid
313676-33-0P

ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS STN (Continued)
 Diclophenyl[ethyl]phenyl]amino]-6-fluorobenzoic acid
 313675-31-9P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-3-fluorobenzoic acid 313675-32-0P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-3-methylbenzoic acid 313675-33-1P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-4-fluorobenzoic acid 313675-34-2P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-3,5-difluorobenzoic acid 313675-35-3P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-3-trifluoromethylbenzoic acid 313675-36-4P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-6-trifluoromethylbenzoic acid 313675-37-5P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-5-trifluoromethylbenzoic acid 313675-38-6P, 2-[[(2-[3-(3,4-Diclophenyl)ethyl]phenyl)amino]-5-pyrrol-1-ylenobenzoic acid 313675-39-7P, 2-[[(2-[4-(4-Benzoyloxyphenyl)ethyl]phenyl)amino]benzoic acid 313675-40-0P, 2-[[(2-[4-(3-Dimethylaminopropoxy)phenyl]ethyl)phenyl]amino]benzoic acid 313675-41-1P, 2-[[(2-[4-(4-Diethylaminophenyl)ethyl]phenyl)amino]benzoic acid 313675-42-2P, 2-[[(2-[4-Phenoxyphenyl)ethyl]phenyl)amino]benzoic acid 313675-43-3P, 2-[[(2-[4-(4-Octyloxyphenyl)ethyl]phenyl)amino]benzoic acid 313675-44-4P, 2-[[(2-[4-(2-Ethoxy-1-(ethoxymethyl)ethyl]phenyl)ethyl]phenyl)amino]benzoic acid 313675-45-5P, 2-[[(2-[4-(4-Pyrrol-1-ylphenyl)ethyl]phenyl)amino]benzoic acid 313675-46-6P, 2-[[(2-[4-Styrylphenyl)ethyl]phenyl)amino]benzoic acid 313675-47-7P, 2-[[(2-[4-(4-Ethylbiphenyl-4-ylethyl)phenyl)amino]benzoic acid 313675-48-8P, 2-[[(2-[4-(4-Octylphenyl)ethyl]phenyl)amino]benzoic acid 313675-49-9P, 2-[[(2-[3-(3,5-Dichlorophenoxy)phenyl]ethyl)phenyl)amino]benzoic acid 313675-50-2P, 2-[[(2-[4-(2-Chloro-6-fluorobenzoyloxy)phenyl]ethyl)phenyl)amino]benzoic acid 313675-51-3P, 2-[[(2-[4-(4-Pyrazol-1-ylphenyl)ethyl]phenyl)amino]benzoic acid 313675-52-4P, 2-[[(2-[4-Diphenylaminophenyl)ethyl]phenyl)amino]benzoic acid 313675-53-5P, 2-[[(2-[4-(3,4-Dichlorobenzoyloxy)phenyl]ethyl)phenyl)amino]benzoic acid 313675-54-6P, 2-[[(2-[3-(3,4-Dichlorophenoxy)ethyl]phenyl)amino]benzoic acid 313675-55-8P, 2-[[(2-[3-(3,4-Dichlorophenoxy)propyl]phenyl)amino]-5-nitrobenzoic acid 313675-60-4P, 2-[[(2-[4-(3-Diethylaminophenyl)propyl]phenyl)amino]benzoic acid 313675-62-6P, 2-[[(2-[3-(3-Nitrophenyl)propyl]phenyl)amino]benzoic acid 313675-64-8P, 2-[[(2-[3-(3-Aminophenyl)propyl]phenyl)amino]benzoic acid 313675-65-9P, 2-[[(2-[4-(2-Aminophenyl)ethyl]phenyl)amino]benzoic acid 313675-66-0P, 2-[[(2-[4-(2-Diisopropylaminophenyl)ethyl]phenyl)amino]benzoic acid monohydrochloride 313675-67-1P, 2-[[(2-[4-(2-Diethylaminophenyl)ethyl]phenyl)amino]benzoic acid monohydrochloride monohydrate 313675-68-2P, 2-[[(2-[3-(3-Diisopropylaminophenyl)propyl]phenyl)amino]benzoic acid 313675-69-3P, 2-[[(2-[3-(3-Dimethylaminophenyl)propyl]phenyl)amino]benzoic acid 313675-70-6P, 2-[[(2-[3-(4-Ethylaminophenyl)propyl]phenyl)-N-ethylamino]benzoic acid 313675-71-7P, 2-[N-(4-[3-(4-Diethylaminophenyl)propyl]phenyl)-N-ethylamino]benzoic acid 313675-72-8P, 2-[[(2-[3-(Dibenzylaminophenyl)propyl]phenyl)amino]benzoic acid 313675-73-9P, 2-[[(2-[3-(Diethylaminophenyl)propyl]phenyl)amino]benzoic acid 313675-74-0P

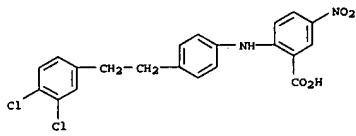
ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS ON CD-ROM (Continued)
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 313676-32-3P, 2-[[(4-[2-(3-Chloro-4-methoxyphenyl)ethyl]phenyl)amino]
 benzoic acid 313676-33-4P, 4-[[(2-[4-((4aS,8aR)-
 Octahydroisoquinolin-2-yl)phenyl]ethyl)phenylamino]benzoic acid
 313676-34-5P, 2-[(4-[3-(4-Diethylaminophenyl)propyl]phenyl)amino]-
 5-methoxybenzoic acid 313676-35-6P, 2-[(4-[2-(3-
 Methoxyphenyl)ethyl]phenyl)amino]benzoic acid 313676-36-7P,
 2-[(4-[2-(3-Bromophenyl)ethyl]phenyl)amino]benzoic acid
 313676-37-8P, 2-[(4-[2-(3-Fluorophenyl)ethyl]phenyl)amino]benzoic
 acid 313676-39-9P, 2-[(4-[2-(3-Fluoro-4-
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 313676-41-4P, 4-[[(3-[4-(Diethylaminophenyl)propyl]phenyl)amino]benzoic
 acid 313676-42-5P, 4-[[(3-[4-
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 313676-43-6P, 2-[(4-[2-(3-Chloro-4-methoxyphenyl)ethyl]phenyl)amino]
 1-methoxybenzoic acid 313676-46-9P, 2-[(4-[3-(4-
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 313676-47-0P, 3-[(4-[3-(4-Diethylaminophenyl)propyl]phenyl)amino]benzoic
 acid 313676-49-2P, 2-[(4-[2-(3-4-
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 313676-50-5P, 2-[(4-[2-(3-4-Dichlorophenyl)ethyl]phenyl)amino]benzoic
 acid monopotassium salt 313676-51-6P, 2-[(4-[2-(3-4-
 Dichlorophenyl)ethyl]phenyl)amino]benzoic acid calcium salt (1:1)
 313676-52-7P, [2-Hydroxy-1,1-bis(hydroxymethyl)ethyl]ammonium
 2-[(4-[2-(3-4-Dichlorophenyl)ethyl]phenyl)amino]benzoate
 313676-53-8P, 2-[(4-[3-(4-[2-(3-4-Dichlorophenyl)butyl]phenyl)amino]-5-
 methoxybenzoic acid 313676-54-9P, 2-[(4-[2-(3-4-
 Difluorophenyl)ethyl]phenyl)amino]benzoic acid 313676-55-0P,
 2-[(3-[2-(4-Chlorophenyl)ethyl]phenyl)amino]benzoic acid
 313676-56-1P, 2-[(3-[2-(3-4-Dimethylphenyl)ethyl]phenyl)amino]benzoic
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 313676-59-4P, 2-[(4-[2-(2-Hydroxyphenyl)ethyl]phenyl)amino]benzoic
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 acid 313676-69-6P, 2-[(4-[3-(3-4-Dichlorophenyl)propyl]phenyl)amino]-5-
 fluorobenzoic acid 313676-70-9P, 5-Amino-2-[(4-[5-(3-4-
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 trifluoromethanesulfonamide 313676-77-1P, N-2-[(4-[3-(3-4-
 Dichlorophenyl)propyl]phenyl)amino]benzoylbenzenesulfonamide
 313676-77-2P, 2-[(4-[2-(3-4-Dichlorophenyl)ethyl]phenyl)amino]-4-
 trifluoromethylbenzoic acid 313676-74-3P, 2-[(4-[2-(3-4-
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 313676-77-6P, 5-Dibutylamino-2-[(4-[2-(3-4-
 dichlorophenyl)ethyl]phenyl)amino]benzoic acid 313676-78-7P,

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 2-[(4-(2-(3,4-Dichlorophenyl)ethyl)phenyl)amino]-5-diethylaminobenzoic acid 313676-79-8P, 2,2'-(1,2-Ethanediyl)bis(4,1-phenyleneimino)benzoic acid
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (drug candidate; prepn. and use of [(phenylalkyl)phenyl]amino]benzoic acids and analogs as amyloid protein aggregation inhibitors)

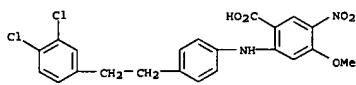
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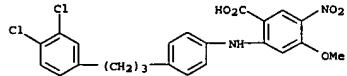
RN 313674-98-5 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)



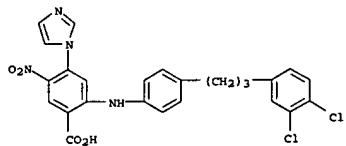
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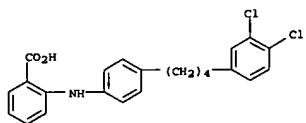
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



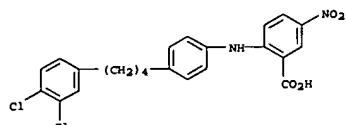
RN 313675-04-6 CAPLUS
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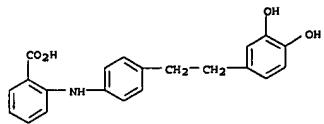
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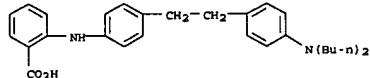
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L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

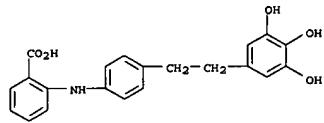
RN 313675-00-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dihydroxyphenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



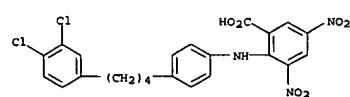
RN 313675-01-3 CAPLUS
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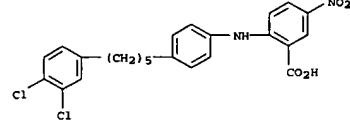
RN 313675-02-4 CAPLUS
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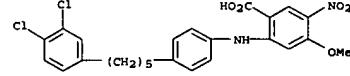
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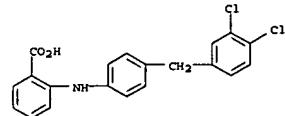
RN 313675-09-1 CAPLUS
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RN 313675-10-4 CAPLUS
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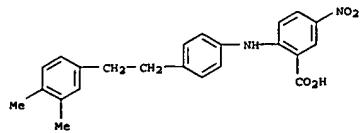
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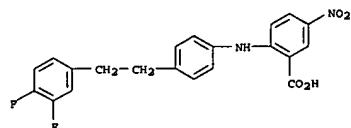
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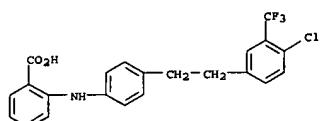
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RN 313675-13-7 CAPLUS
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 (9CI) (CA INDEX NAME)

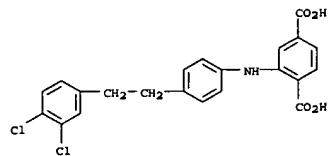


RN 313675-14-8 CAPLUS
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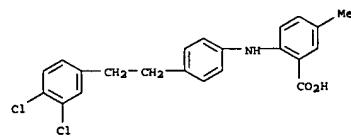


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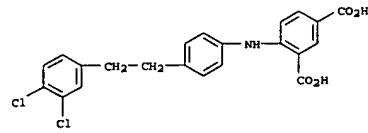
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-20-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-methyl-
 (9CI) (CA INDEX NAME)



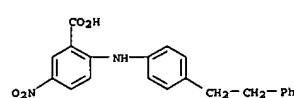
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 4-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



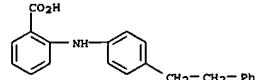
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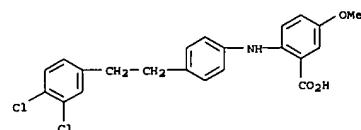
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RN 313675-17-1 CAPLUS
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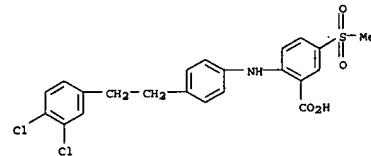


RN 313675-18-2 CAPLUS
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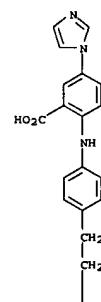


RN 313675-19-3 CAPLUS
 CN 1,4-Benzenedicarboxylic acid,
 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-

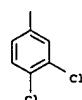
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-23-9 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl)amino]-5-(1H-imidazol-1-yl)- (9CI) (CA INDEX NAME)

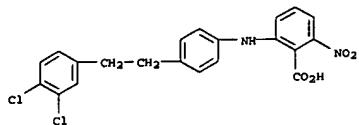


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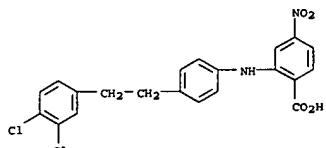


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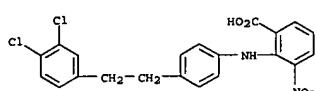
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 RN 313675-24-0 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-6-nitro-(9CI) (CA INDEX NAME)



RN 313675-25-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-4-nitro-(9CI) (CA INDEX NAME)

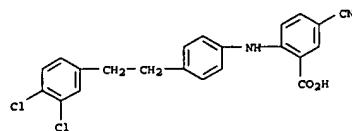


RN 313675-26-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-nitro-(9CI) (CA INDEX NAME)

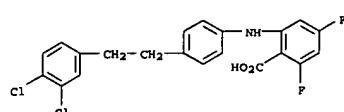


RN 313675-27-3 CAPLUS
 CN Benzoic acid, 5-cyano-2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

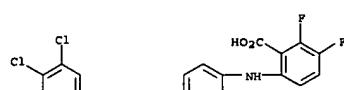
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-28-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-4,6-difluoro- (9CI) (CA INDEX NAME)

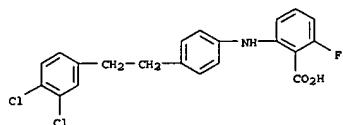


RN 313675-29-5 CAPLUS
 CN Benzoic acid, 6-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-2,3-difluoro- (9CI) (CA INDEX NAME)

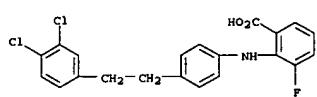


RN 313675-30-8 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-6-fluoro-(9CI) (CA INDEX NAME)

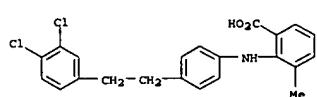
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



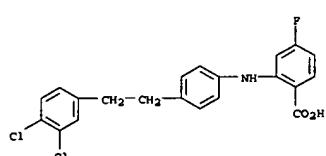
RN 313675-31-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-fluoro-(9CI) (CA INDEX NAME)



RN 313675-32-0 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-methyl-(9CI) (CA INDEX NAME)

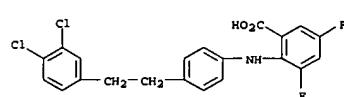


RN 313675-33-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-4-fluoro-(9CI) (CA INDEX NAME)

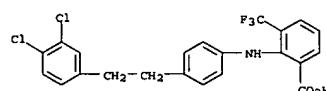


RN 313675-34-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3,5-difluoro- (9CI) (CA INDEX NAME)

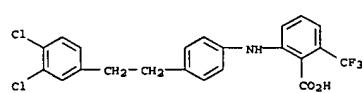
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



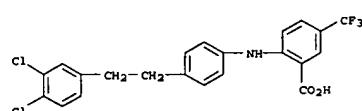
RN 313675-35-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 313675-36-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 313675-37-5 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



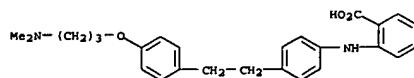
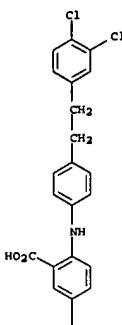
RN 313675-38-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(1H-pyrrol-1-yl)- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

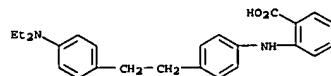
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L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

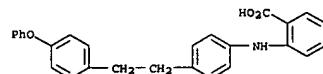
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RN 313675-41-1 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-(diethylamino)phenyl)ethyl)phenyl)amino]- (9CI)
(CA INDEX NAME)



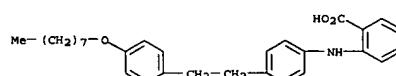
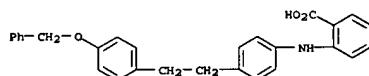
RN 313675-42-2 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-phenoxyphenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313675-43-3 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-(octyloxy)phenyl)ethyl)phenyl)amino]- (9CI)
(CA INDEX NAME)



RN 313675-39-7 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-(phenylmethoxy)phenyl)ethyl)phenyl)amino]- (9CI)
(CA INDEX NAME)

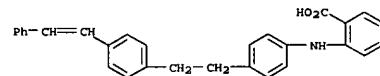
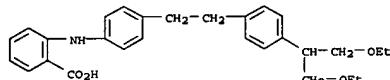


RN 313675-44-4 CAPLUS
CN Benzoic acid, 2-[(4-(2-(2-ethoxy-1-(ethoxymethyl)ethyl)phenyl)ethyl)phenyl]amino]- (9CI) (CA INDEX NAME)

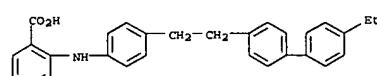
RN 313675-40-0 CAPLUS
CN Benzoic acid,
2-[(4-(2-(4-(3-(dimethylamino)propoxy)phenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

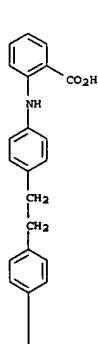
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-45-5 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-(1H-pyrrol-1-yl)phenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313675-47-7 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4'-ethyl[1,1'-biphenyl]-4-yl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)

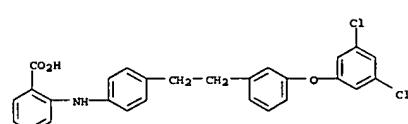


RN 313675-48-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-octylphenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)

RN 313675-49-9 CAPLUS
CN Benzoic acid,
2-[(4-(2-(3-(3,5-dichlorophenoxy)phenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



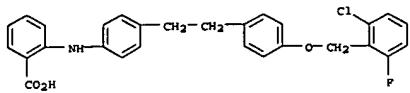
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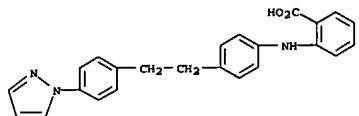
RN 313675-50-2 CAPLUS
CN Benzoic acid,
2-[(4-(2-(4-(2-chloro-6-fluorophenyl)methoxy)phenyl)ethyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 313675-46-6 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-(2-phenylethenyl)phenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)

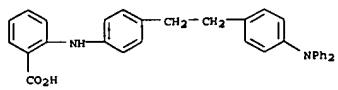
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



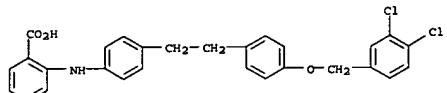
RN 313675-51-3 CAPLUS
CN Benzoic acid, 2-[(4-[4-(1H-pyrazol-1-yl)phenyl]ethyl)phenyl]amino)-
(9CI) (CA INDEX NAME)



RN 313675-52-4 CAPLUS
CN Benzoic acid, 2-[(4-[4-(diphenylamino)phenyl]ethyl)phenyl]amino)-
(9CI) (CA INDEX NAME)



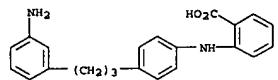
RN 313675-53-5 CAPLUS
CN Benzoic acid, 2-[(4-[2-(4-dichlorophenyl)methoxy]phenyl)ethyl]phenyl]amino)-
(9CI) (CA INDEX NAME)



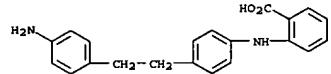
RN 313675-54-6 CAPLUS
CN Benzoic acid, 5-amino-2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino)-

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

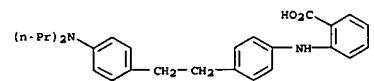
RN 313675-64-8 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-aminophenyl)propyl]phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-65-9 CAPLUS
CN Benzoic acid, 2-[(4-[2-(4-aminophenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-66-0 CAPLUS
CN Benzoic acid, 2-[(4-[2-(4-dipropylamino)phenyl]ethyl)phenyl]amino)-, monohydrochloride (9CI) (CA INDEX NAME)

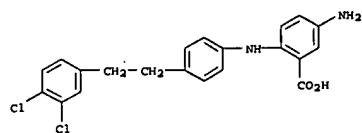


● HCl

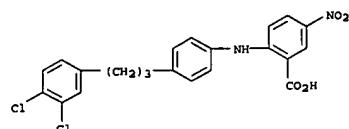
RN 313675-67-1 CAPLUS
CN Benzoic acid, 2-[(4-[2-(4-diethylamino)phenyl]ethyl)phenyl]amino)-, monohydrochloride, monohydrate (9CI) (CA INDEX NAME)

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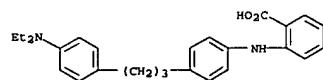
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



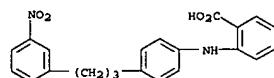
RN 313675-56-8 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-5-nitro-
(9CI) (CA INDEX NAME)



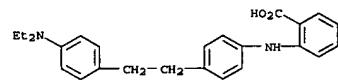
RN 313675-60-4 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-diethylamino)phenyl]propyl)phenyl]amino)-
(9CI) (CA INDEX NAME)



RN 313675-62-6 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-nitrophenyl)propyl]phenyl]amino)- (9CI) (CA INDEX NAME)



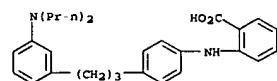
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



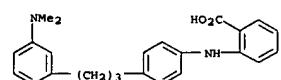
● HCl

● H₂O

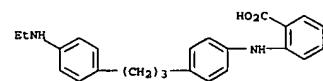
RN 313675-68-2 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-dipropylamino)phenyl]propyl)phenyl]amino)-
(9CI) (CA INDEX NAME)



RN 313675-69-3 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-dimethylamino)phenyl]propyl)phenyl]amino)-
(9CI) (CA INDEX NAME)



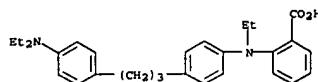
RN 313675-70-6 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-ethylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)



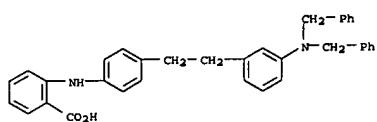
RN 313675-71-7 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-diethylamino)phenyl]propyl)phenyl]ethylamino)-
(9CI) (CA INDEX NAME)

10/21/2003

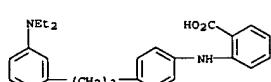
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



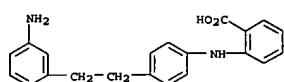
RN 313675-72-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-[(3-(bis(phenylmethyl)amino)phenyl]ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



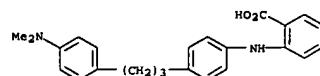
RN 313675-73-9 CAPLUS
CN Benzoic acid, 2-[(4-(3-(3-(diethylamino)phenyl)propyl)phenyl]amino)- (9CI) (CA INDEX NAME)



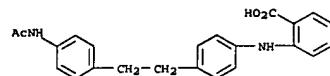
RN 313675-74-0 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-aminophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-75-1 CAPLUS
CN Benzoic acid, 2-[(4-(3-(4-(dimethylamino)phenyl)propyl)phenyl]amino)-

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
(CA INDEX NAME)

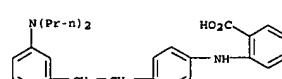
RN 313675-76-2 CAPLUS
CN Benzoic acid, 2-[(2-[4-(acetylamino)phenyl]ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-77-3 CAPLUS
CN Benzoic acid, 2-[(4-(2-[3-(acetylamino)phenyl]ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



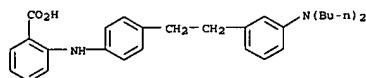
RN 313675-78-4 CAPLUS
CN Benzoic acid, 2-[(4-(2-[3-(dipropylamino)phenyl]ethyl)phenyl]amino)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

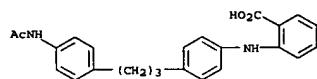
RN 313675-79-5 CAPLUS
CN Benzoic acid, 2-[(4-(2-[3-(dibutylamino)phenyl]ethyl)phenyl]amino)-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

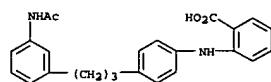


● HCl

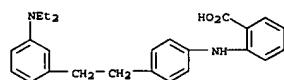
RN 313675-80-8 CAPLUS
CN Benzoic acid, 2-[(4-(3-(4-(acetylamino)phenyl)propyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-81-9 CAPLUS
CN Benzoic acid, 2-[(4-(3-(4-(acetylamino)phenyl)propyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-82-0 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-(diethylamino)phenyl)ethyl)phenyl]amino)-, monohydrochloride (9CI) (CA INDEX NAME)

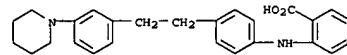


● HCl

RN 313675-83-1 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-(1-piperidinyl)phenyl)ethyl)phenyl]amino)-, monohydrochloride (9CI) (CA INDEX NAME)

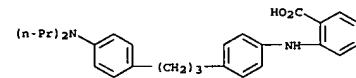
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L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

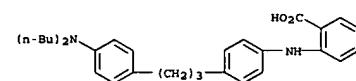


● HCl

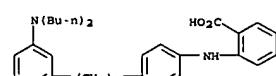
RN 313675-84-2 CAPLUS
CN Benzoic acid, 2-[(4-(3-[4-(dipropylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313675-86-4 CAPLUS
CN Benzoic acid, 2-[(4-(3-[4-(dibutylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

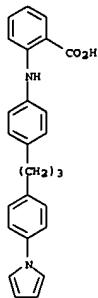


RN 313675-87-5 CAPLUS
CN Benzoic acid, 2-[(4-(3-[3-(dibutylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

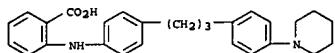


RN 313675-89-7 CAPLUS
CN Benzoic acid, 2-[(4-(3-[4-(1H-pyrrol-1-yl)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

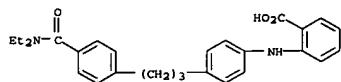
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-91-1 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(1-piperidinyl)phenyl]propyl)phenyl]amino]- (9CI) (CA INDEX NAME)

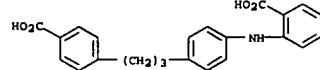


RN 313675-92-2 CAPLUS
CN Benzoic acid,
2-[(4-[3-(4-((diethylamino)carbonyl)phenyl]propyl)phenyl]amino]- (9CI) (CA INDEX NAME)

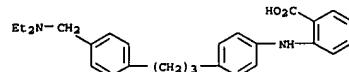


RN 313675-93-3 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-carboxyphenyl)propyl]phenyl]amino)- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



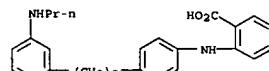
RN 313675-94-4 CAPLUS
CN Benzoic acid,
2-[(4-[3-(4-(diethylamino)methyl)phenyl]propyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 313675-95-5 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(propylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

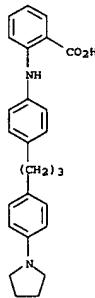


RN 313675-96-6 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-(propylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

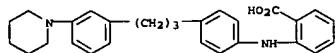


RN 313675-97-7 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(1-pyrrolidinyl)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

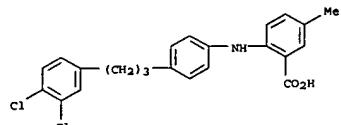
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-98-8 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-(1-piperidinyl)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)

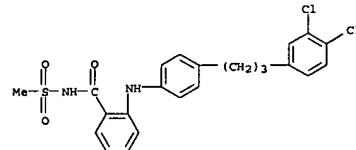


RN 313676-03-8 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-5-methyl- (9CI) (CA INDEX NAME)

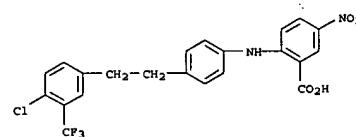


RN 313676-04-9 CAPLUS
CN Benzamide, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-N-(methylsulfonyl)- (9CI) (CA INDEX NAME)

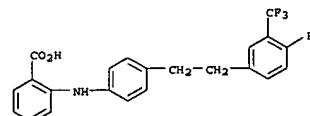
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-05-0 CAPLUS
CN Benzoic acid,
2-[(4-[2-(4-chloro-3-(trifluoromethyl)phenyl)ethyl]phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

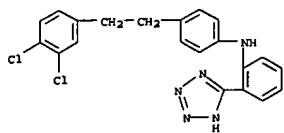


RN 313676-06-1 CAPLUS
CN Benzoic acid,
2-[(4-[2-(4-fluoro-3-(trifluoromethyl)phenyl)ethyl]phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

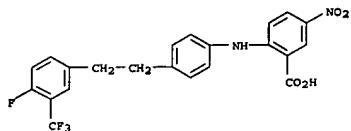


RN 313676-07-2 CAPLUS
CN Benzenamine, N-[4-[2-(3,4-dichlorophenyl)ethyl]phenyl]-2-(1H-tetrazol-5-yl)- (9CI) (CA INDEX NAME)

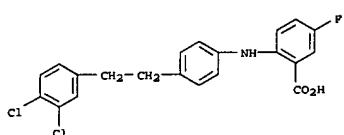
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-08-3 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-fluorophenyl)ethyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

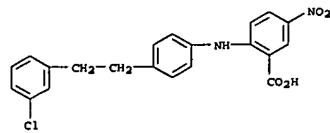


RN 313676-09-4 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-5-fluoro- (9CI) (CA INDEX NAME)

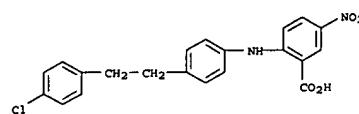


RN 313676-11-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-chlorophenyl)ethyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

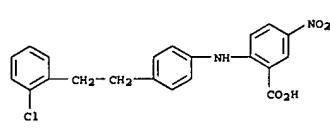
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-12-9 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-chlorophenyl)ethyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

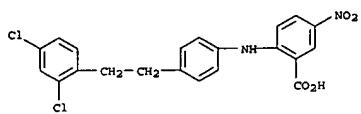


RN 313676-13-0 CAPLUS
CN Benzoic acid, 2-[(4-(2-(2-chlorophenyl)ethyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

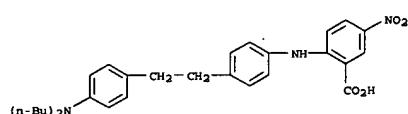


RN 313676-14-1 CAPLUS
CN Benzoic acid, 2-[(4-(2-(2,4-dichlorophenyl)ethyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

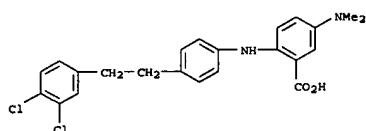
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



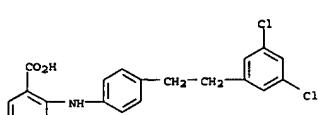
RN 313676-15-2 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-(dimethylaminophenyl)ethyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)



RN 313676-16-3 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-5-(dimethylamino)- (9CI) (CA INDEX NAME)



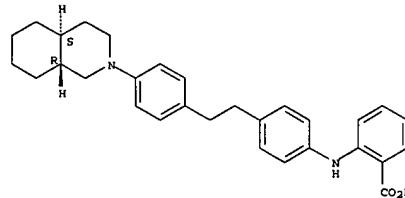
RN 313676-17-4 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,5-dichlorophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



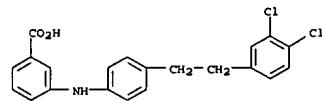
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

RN 313676-18-5 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4aS,8aR)-octahydro-2(1H)-isoquinolinyl)phenyl]amino)- (9CI) (CA INDEX NAME)

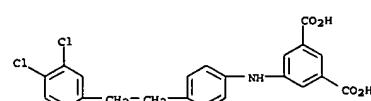
Absolute stereochemistry.



RN 313676-26-5 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

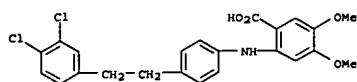


RN 313676-27-6 CAPLUS
CN 1,3-bisenedicarboxylic acid, 5-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

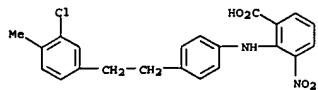


RN 313676-28-7 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-4,5-dimethoxy- (9CI) (CA INDEX NAME)

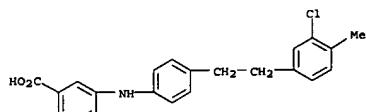
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



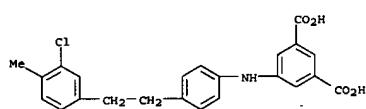
RN 313676-29-8 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl)amino]-3-nitro- (9CI) (CA INDEX NAME)



RN 313676-30-1 CAPLUS
CN Benzoic acid, 3-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

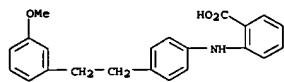


RN 313676-31-2 CAPLUS
CN 1,3-Benzenedicarboxylic acid, 5-[(4-(2-(3-chloro-4-methylphenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)

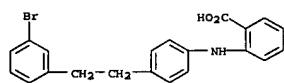


RN 313676-32-3 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl)amino]- (9CI)

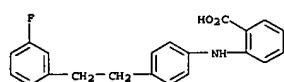
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



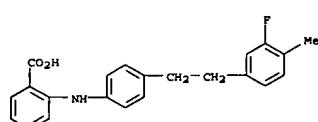
RN 313676-36-7 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-bromophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313676-37-8 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-fluorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

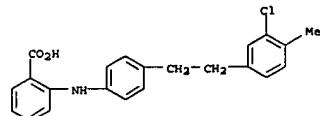


RN 313676-39-0 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-fluoro-4-methylphenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

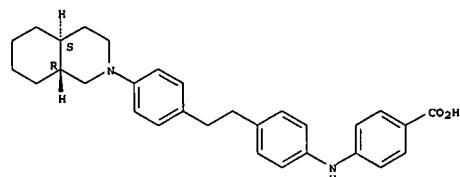


RN 313676-40-3 CAPLUS
CN Benzoic acid, 2-[(4-[3-(diethylamino)phenyl]propyl]phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)

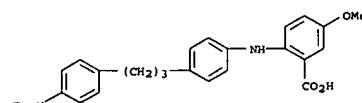
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-33-4 CAPLUS
CN Benzoic acid, 4-[(4-[2-(4S,8aR)-octahydro-2(1H)-isoquinolinyl]ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)
Absolute stereochemistry.

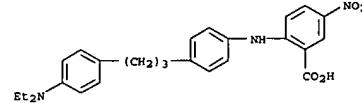


RN 313676-34-5 CAPLUS
CN Benzoic acid, 2-[(4-[3-(diethylamino)phenyl]propyl]phenyl)amino]-5-methoxy- (9CI) (CA INDEX NAME)

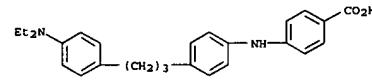


RN 313676-35-6 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-methoxyphenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

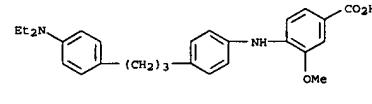
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



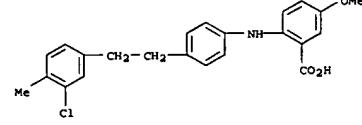
RN 313676-41-4 CAPLUS
CN Benzoic acid, 4-[(4-[3-(diethylamino)phenyl]propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313676-42-5 CAPLUS
CN Benzoic acid, 4-[(4-[3-(diethylamino)phenyl]propyl]phenyl)amino]-3-methoxy- (9CI) (CA INDEX NAME)

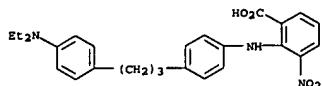


RN 313676-43-6 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl)amino]-5-methoxy- (9CI) (CA INDEX NAME)

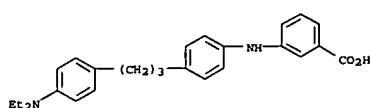


RN 313676-46-9 CAPLUS
CN Benzoic acid, 2-[(4-[3-(diethylamino)phenyl]propyl]phenyl)amino]-3-nitro- (9CI) (CA INDEX NAME)

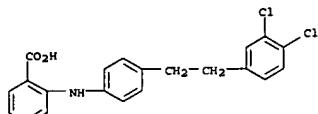
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-47-0 CAPLUS
 CN Benzoic acid, 3-[(4-(3-(diethylamino)phenyl)propyl)phenyl]amino- (9CI)
 (CA INDEX NAME)



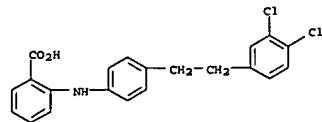
RN 313676-49-2 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino-, monosodium salt (9CI) (CA INDEX NAME)



● Na

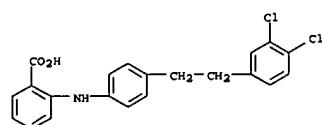
RN 313676-50-5 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino-, monopotassium salt (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



● K

RN 313676-51-6 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino-, calcium salt (1:1) (9CI) (CA INDEX NAME)



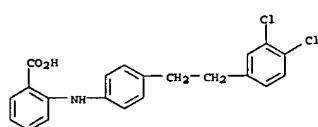
● Ca

RN 313676-52-7 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino-, compd. with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1) (9CI) (CA INDEX NAME)

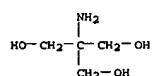
CM 1

CRN 313674-97-4
 CMF C21 H17 Cl2 N O2

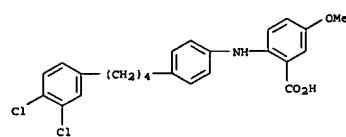
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



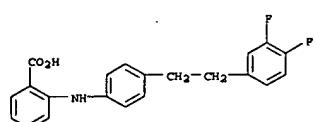
CM 2
 CRN 77-86-1
 CMF C4 H11 N O3



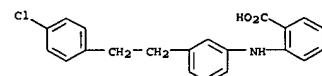
RN 313676-53-8 CAPLUS
 CN Benzoic acid, 2-[(4-(3,4-dichlorophenyl)butyl)phenyl]amino-5-methoxy- (9CI) (CA INDEX NAME)



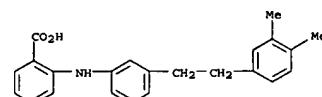
RN 313676-54-9 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(3,4-difluorophenyl)ethyl)phenyl]amino- (9CI)
 (CA INDEX NAME)



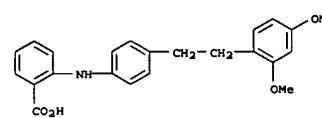
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



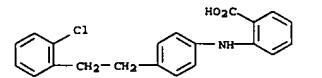
RN 313676-56-1 CAPLUS
 CN Benzoic acid, 2-[(3-(2-(3,4-dimethylphenyl)ethyl)phenyl]amino- (9CI)
 (CA INDEX NAME)



RN 313676-57-2 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(2,4-dimethoxyphenyl)ethyl)phenyl]amino- (9CI)
 (CA INDEX NAME)

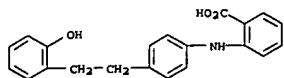


RN 313676-58-3 CAPLUS
 CN Benzoic acid, 2-[(4-(2-(2-chlorophenyl)ethyl)phenyl]amino- (9CI) (CA INDEX NAME)

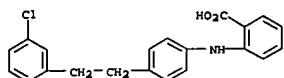


RN 313676-59-4 CAPLUS
 CN Benzoic acid, 2-[(4-(2-hydroxyphenyl)ethyl)phenyl]amino- (9CI) (CA INDEX NAME)

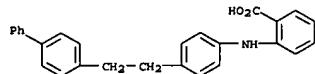
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



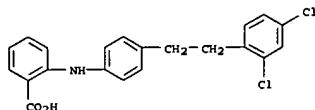
RN 313676-60-7 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3-chlorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313676-61-8 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(1,1'-biphenyl)-4-yethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

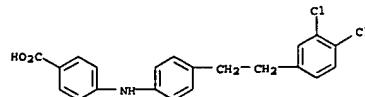


RN 313676-62-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(2,4-dichlorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

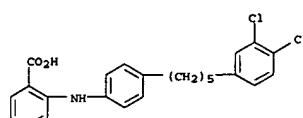


RN 313676-63-0 CAPLUS
 CN Benzoic acid, 4-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

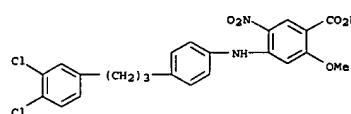
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-65-2 CAPLUS
 CN Benzoic acid, 2-[(4-[5-(3,4-dichlorophenyl)pentyl]phenyl)amino]- (9CI) (CA INDEX NAME)

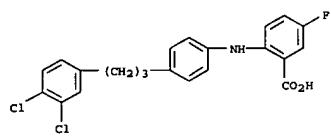


RN 313676-67-4 CAPLUS
 CN Benzoic acid, 4-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-2-methoxy-5-nitro- (9CI) (CA INDEX NAME)

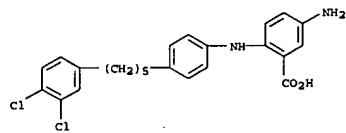


RN 313676-69-6 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-5-fluoro- (9CI) (CA INDEX NAME)

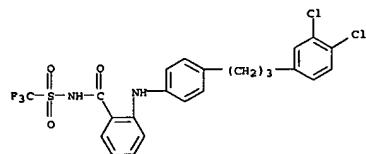
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-70-9 CAPLUS
 CN Benzoic acid, 5-amino-2-[(4-[5-(3,4-dichlorophenyl)pentyl]phenyl)amino]- (9CI) (CA INDEX NAME)

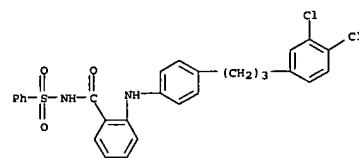


RN 313676-71-0 CAPLUS
 CN Benzamide, 2-[(4-[3,4-dichlorophenyl]propyl)phenyl]amino]-N-[(trifluoromethyl)sulfonyl]- (9CI) (CA INDEX NAME)

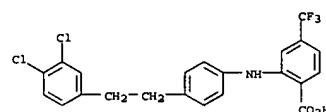


RN 313676-72-1 CAPLUS
 CN Benzamide, 2-[(4-[3,4-dichlorophenyl]propyl)phenyl]amino]-N-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

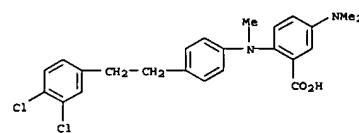
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



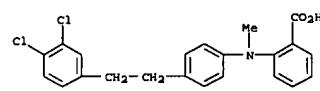
RN 313676-73-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 313676-74-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)methylamino]-5-(dimethylamino)- (9CI) (CA INDEX NAME)

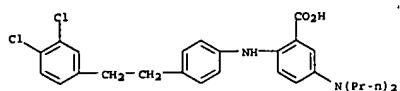


RN 313676-75-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)methylamino]- (9CI) (CA INDEX NAME)

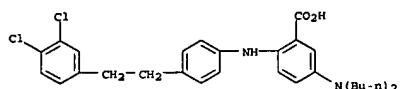


RN 313676-76-5 CAPLUS
 10/21/2003

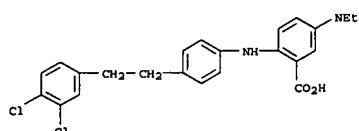
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(dipropylamino)- (9CI) (CA INDEX NAME)



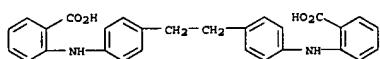
RN 313676-77-6 CAPLUS
 CN Benzoic acid, 5-(dibutylamino)-2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313676-78-7 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(diethylamino)- (9CI) (CA INDEX NAME)



RN 313676-79-8 CAPLUS
 CN Benzoic acid, 2,2'-[1,2-ethanediylbis(4,1-phenyleneimino)]bis- (9CI) (CA INDEX NAME)

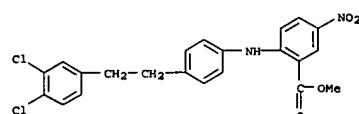


IT 313676-82-3P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid methyl ester 313676-85-6P,

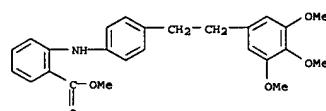
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 2-[(4-[2-(3,4,5-Trimethoxyphenyl)ethyl]phenyl)amino]benzoic acid methyl ester 313676-88-9P, 2-[(4-[2-(3,4-Dichlorophenyl)propyl]phenyl)amino]-4-methoxy-5-nitrobenzoic acid methyl ester 313676-89-0P, 2-[(4-[2-(3,4-Dichlorophenyl)propyl]phenyl)amino]-4-imidazol-1-yl-5-nitrobenzoic acid methyl ester 313676-90-3P,

ester 313676-96-9P, 2-[(4-[5-(3,4-Dichlorophenyl)pentyl]phenyl)amino]-4-methoxy-5-nitrobenzoic acid methyl ester 313676-97-0P, 2-[(4-[2-(3,4-Dimethylphenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid methyl ester 313676-98-1P, 2-[(4-[2-(3,4-Dimethylphenyl)ethyl]phenyl)amino]benzoic acid methyl ester 313677-02-0P, 2-[(4-[2-(4-Aminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-03-1P, 2-[(4-[2-(4-Ethylaminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-04-2P, 2-[(4-[2-(4-Ethylaminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-05-3P, RLT: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (intermediate; prepn. and use of [(phenylalkyl)phenyl]amino]benzoic acid and analogs as amyloid protein aggregation inhibitors)

RN 313676-82-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

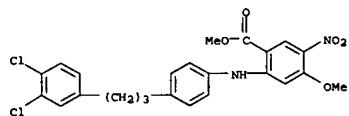


RN 313676-85-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4,5-trimethoxyphenyl)ethyl]phenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)

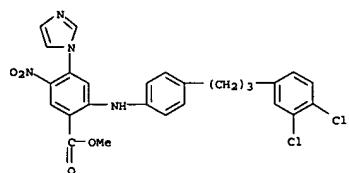


RN 313676-88-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)propyl]phenyl)amino]-4-methoxy-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

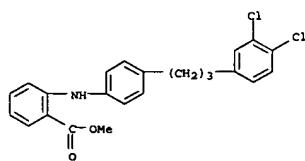
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-89-0 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-4-(1H-imidazol-1-yl)-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

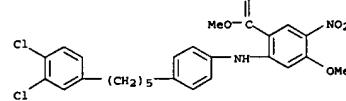


RN 313676-90-3 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)

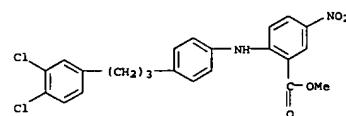


RN 313676-96-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)pentyl]phenyl)amino]-4-methoxy-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

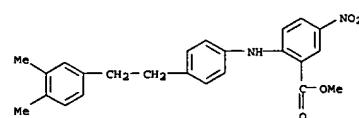
L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



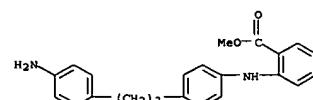
RN 313676-97-0 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)propyl]phenyl)amino]-5-nitro-, methyl ester (9CI) (CA INDEX NAME)



RN 313676-98-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dimethylphenyl)ethyl]phenyl)amino]-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

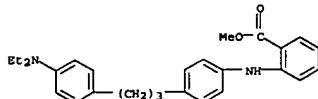


RN 313677-02-0 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-aminophenyl)propyl]phenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)

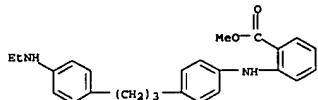


RN 313677-03-1 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(4-diethylamino)phenyl]propyl)phenyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313677-04-2 CAPLUS
CN Benzoic acid, 2-[(4-[3-[(ethylamino)phenyl]propyl]phenyl]amino)-, methyl ester (9CI) (CA INDEX NAME)



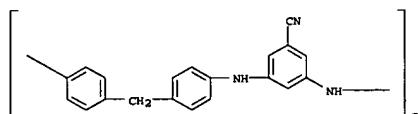
L4 ANSWER 7 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2000:832137 CAPLUS
DOCUMENT NUMBER: 134:71951
TITLE: Preparation of meta-polyaniline and its related poly(iminoarylene)s by nickel-catalyzed polycondensation of aryl dichlorides with aryl

primary diamines
AUTHOR(S): Kanbara, Takaki; Miyazaki, Yuko; Hasegawa, Kiyoshi; Yamamoto, Takakazu
CORPORATE SOURCE: Chemical Resources Laboratory, Tokyo Institute of Technology, Yokohama, 226-8503, Japan
SOURCE: Journal of Polymer Science, Part A: Polymer Chemistry (2000), 38(23), 4194-4199
CODEN: JPACEC; ISSN: 0887-624X
PUBLISHER: John Wiley & Sons, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The catalyst system generated from com. available bis(1,5-cyclooctadiene)nickel(0) and 1,1'-bis(diphenylphosphino)ferrocene is shown to be effective in polymn. of aryl dichlorides with aryl primary diamines. The system was also used for prepn. of m-polyaniline from m-dichlorobenzene and m-phenylenediamine. The polymers obtained were characterized with respect to their structure, polydispersity, and solv. in org. solvents.

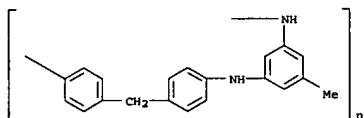
IT 315660-69-6 315660-73-2
RL: SPN (Synthetic preparation); PREP (Preparation)
(prep. of meta-polyaniline and its related poly(iminoarylene)s by nickel-catalyzed polycondensation of aryl dichlorides with aryl primary diamines)

RN 315660-69-6 CAPLUS
CN Poly(imino(5-cyano-1,3-phenylene)imino-1,4-phenylenemethylene-1,4-phenylene) (9CI) (CA INDEX NAME)



RN 315660-73-2 CAPLUS
CN Poly(imino(5-methyl-1,3-phenylene)imino-1,4-phenylenemethylene-1,4-phenylene) (9CI) (CA INDEX NAME)

L4 ANSWER 7 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

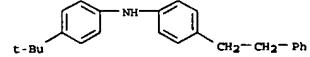
ACCESSION NUMBER: 1999:233957 CAPLUS
DOCUMENT NUMBER: 130:282863
TITLE: Stabilized isocyanate-reactive compound and polyurethane foam obtained therefrom
INVENTOR(S): Calabrese, Ronald A.; Boccuzzi, Rosemarie A.
PATENT ASSIGNEE(S): Uniroyal Chemical Company, Inc., USA
SOURCE: PCT Int. Appl., 33 pp.
CODEN: PIXDZ
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9916821	A1	19990408	WO 1998-US20349	19980929
W: BR, CA, MX, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2302707	AA	19990408	CA 1998-2302707	19980929
EP 1023377	A1	20000802	EP 1998-949599	19980929
R: AT, BE, CH, DE, DK, ES, PR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9815386	A	20001121	BR 1998-15386	19980929
US 6348514	B1	20020219	US 2000-486762	20000301
PRIORITY APPLN. INFO.:			US 1997-60568P	P 19970930
			WO 1998-US20349	W 19980929

AB Disclosed is an isocyanate-reactive compnd. comprising an isocyanate-reactive compnd. having an equiv. wt. of from about 400 to about 12000, and a stabilizing amt. of Me 3-(4-hydroxy-3,5-di-tert-butylphenyl)propionate with optional costabilizers selected from another phenoic, an amine, a phosphite, a thioether, or a lactone stabilizer to form a stabilizer package which may be further used in a process for prep. a flexible polyurethane foam comprising reacting together an org. polyisocyanate with an isocyanate-reactive compnd. in the presence of a blowing agent to form the polyurethane foam. These stabilizer packages impart phya. and color scorch protection to the polyurethane foam products.

IT 222855-41-6
RL: MOA (Modifier or additive use); USES (Uses)
(optional costabilizer; Me- (di-tert-butylhydroxyphenyl)propionate-stabilized isocyanate-reactive compnds. for scorch-resistant polyurethane foams)

RN 222855-41-6 CAPLUS
CN Benzenamine, 4-[(1-dimethylethyl)-N-[4-(2-phenylethyl)phenyl]- (9CI)
(CA INDEX NAME)



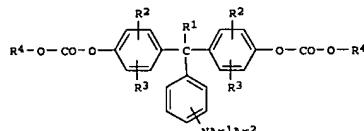
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/21/2003

L4 ANSWER 8 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

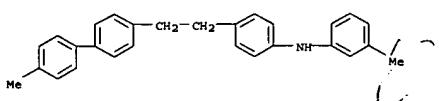
L4 ANSWER 9 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1998:811797 CAPLUS
 DOCUMENT NUMBER: 130:117304
 TITLE: Charge-transporting material and electrophotographic photoreceptor using same
 INVENTOR(S): Kurimoto, Eiji; Umeda, Minoru; Sakon, Yota; Ikegami, Takaaki
 PATENT ASSIGNEE(S): Ricoh Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 408 pp.
 CODEN: JKXKAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10333347	A2	19981218	JP 1997-160127	19970530
PRIORITY APPLN. INFO.:			JP 1997-160127	
OTHER SOURCE(S):		MARPAT 130:117304		
GI				

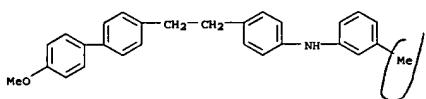


AB The charge-transporting material contains a compd. [R1NR2Y0m(CH2)nOCO2]pX_x (R1, R2 = H, (substituted) alkyl, (substituted) aryl; Y = (substituted) arylene; m = 0, 1; n = 0-6; p = 1, 2; when p = 1, X = (substituted) alkyl or (substituted) aryl and when p = 2, X = alkylene or dialkylene ether] and stored selected from an amino- and oxycarboxyloxy-contg. triphenylmethoxy compd. of I (R1, R4 = H, alkyl, aryl; R2, R3 = H, alkyl, aryl, halo; Ar1, Ar2 = aryl) and other 35 types of compds. such as a compd. Ar1C(R1)CR2(CH_n)nAr2NR3R4 (R1 = (substituted) lower alkyl or (substituted) aryl; R2 = H, (substituted) lower alkyl, (substituted) aryl; Ar1 = (substituted) aryl, Ar1 and R1 may form a ring; Ar2 = (substituted) arylene; n = 0, 1). The photoreceptor comprises a conductive support laminated with either (a) a monolayer photosensitive layer contg. the material or (b) a charge-transporting layer contg. the material and a charge-generating layer. The photoreceptor shows high photosensitivity and durability in repeated use.

IT 219622-11-4 219622-13-6
 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (electrophotog. photoreceptor using charge-transporting material of)
 RN 219622-11-4 CAPLUS

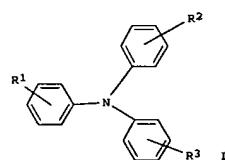
L4 ANSWER 9 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN Benzenamine,
 3-methyl-N-[4-(2-(4'-methyl[1,1'-biphenyl]-4-yl)ethyl)phenyl]-
 (9CI) (CA INDEX NAME)

RN 219622-13-6 CAPLUS
 CN Benzenamine, N-[4-(2-(4'-methoxy[1,1'-biphenyl]-4-yl)ethyl)phenyl]-3-methyl-, (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1998:627446 CAPLUS
 DOCUMENT NUMBER: 129:296148
 TITLE: Electrophotographic photoreceptor
 INVENTOR(S): Sakon, Yota; Umeda, Minoru; Ikegami, Takaaki;
 Kurimoto, Eiji
 PATENT ASSIGNEE(S): Ricoh Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 274 pp.
 CODEN: JKXKAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10254154	A2	19980925	JP 1997-76650	19970312
PRIORITY APPLN. INFO.:			JP 1997-76650	19970312
OTHER SOURCE(S):		MARPAT 129:296148		
GI				



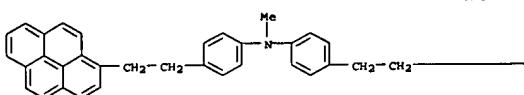
AB The title photoreceptor comprises a conductive support coated with a photosensitive layer contg. a divinylbenzene deriv. o-RCH=CHCH=CHR1; [I; R = carbazolyl, pyridyl, thieryl, indolyl, furyl, (un)substituted Ph, (un)substituted styryl, (un)substituted naphthyl, (un)substituted anthryl (the substituent is selected from di-lower-alkylamino, lower alkyl, lower alkoxy, halo, aralkylamino, and amino) and triphenylamine deriv. II (R1-R3 = H, lower alkyl, lower alkoxy, Ph, PhO, halo). Alternatively, 28 types of arom. amines may be used in place of II. The photoreceptor may comprise a conductive support laminated with a charge-generating layer contg. a charge-generating agent and a charge-transporting layer contg. I and II compd. selected from II and the 28 types of compds. The photoreceptor shows high photosensitivity and durability in repeated use.

IT 214135-78-1
 RL: DEV (Device component use); USES (Uses)
 (electrophotog. photoreceptor contg. divinylbenzene deriv. combined with arom. amine)

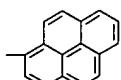
RN 214135-78-1 CAPLUS
 CN Benzenamine, N-methyl-4-[2-(1-pyrenyl)ethyl]-N-[4-[2-(1-pyrenyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

PAGE 1-A

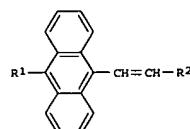
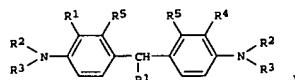


PAGE 1-B



L4 ANSWER 11 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1998:590841 CAPLUS
 DOCUMENT NUMBER: 129:296147
 TITLE: Electrophotographic photoreceptor with improved sensitivity and durability
 INVENTOR(S): Kurimoto, Eiji; Umetsu, Minoru; Sakon, Yota; Ikeue, Takaaki
 PATENT ASSIGNEE(S): Ricoh Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokyo Koho, 269 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10239878	A2	19980911	JP 1997-59960	19970227
PRIORITY APPLN. INFO.:			JP 1997-59960	19970227
OTHER SOURCE(S):		MARPAT 129:296147		
GI				



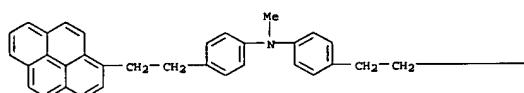
AB The title photoreceptor contains I (R1 = Cl-11-alkyl, Ph, heterocyclyl; R2, R3 = H, lower alkyl, Cl-4-hydroxyalkyl, Cl-4-chloroalkyl; R4, R5 = H, lower alkyl, lower alkoxy, halo; R2-R3 may form N-contg. heterocycle) and II (R1 = H, halo; R2 = arom., heterocyclyl; R2 may include substituent selected from halo, CN, di-lower alkylamino, diaralkylamino, lower alkyl, lower alkoxy, and NO2) in a photosensitive layer. 29 Other charge transport materials are also claimed with Markush structures.

IT 214135-78-1
 RL: DEV (Device component use); USES (Uses)
 (charge transport material in electrophotog. photoreceptor with improved sensitivity and durability)

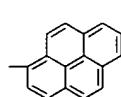
L4 ANSWER 11 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

RN 214135-78-1 CAPLUS
 CN Benzenamine, N-methyl-4-(2-(1-pyrenyl)ethyl)-N-[4-(2-(1-pyrenyl)ethylphenyl)-(9CI) (CA INDEX NAME)

PAGE 1-A

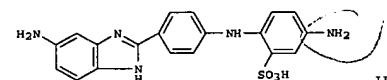
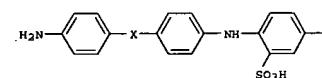


PAGE 1-B



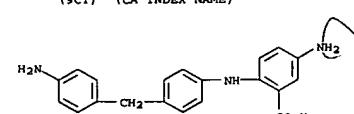
L4 ANSWER 12 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1997:266469 CAPLUS
 DOCUMENT NUMBER: 126:293141 CAPLUS
 TITLE: Synthesis and properties of sulfo-containing diamines
 AUTHOR(S): Gitin, L. S.; Gitin, S. S.; Grudtsin, Yu. D.; Subbotin, V. A.; Fedotov, Yu. A.; Alifanova, E. N.
 CORPORATE SOURCE: Gos. Pedagog. Inst. im. Tolstogo, Tula, 300026,
 Russia
 SOURCE: Zhurnal Organicheskoi Khimii (1996), 32(10),
 1563-1565

PUBLISHER: ZORKAEI, ISSN: 0514-7492
 DOCUMENT TYPE: Nauka
 LANGUAGE: Journal
 Russian
 GI



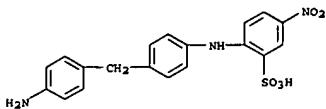
AB Title compds. I (X = O, CH2; R = NH2) were prepd. by redn. of I (X = O, CH2; R = NO2), which were obtained by reaction of 4,4'-oxybis[aniline] and 4,4'-methylenebis[aniline] with 2-chloro-5-nitrobenzenesulfonic acid. Also prepd. was benzimidazole deriv. II. The pKa values of the products were examd.

IT 189025-25-0
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and basicity of)
 RN 189025-25-0 CAPLUS
 CN Benzenesulfonic acid, 5-amino-2-[(4-[(4-aminophenyl)methyl]phenyl)amino]-(9CI) (CA INDEX NAME)



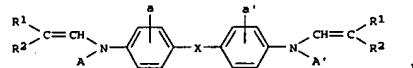
IT 189025-22-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and redn. of)
 RN 189025-22-7 CAPLUS
 CN Benzenesulfonic acid, 2-[(4-[(4-aminophenyl)methyl]phenyl)amino]-5-nitro-

L4 ANSWER 12 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
(9CI) (CA INDEX NAME)



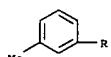
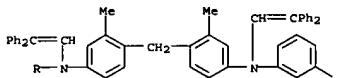
L4 ANSWER 13 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1995:735598 CAPLUS
DOCUMENT NUMBER: 123:127599
TITLE: Electrophotographic photoreceptor
INVENTOR(S): Enomoto, Kazuhiro
PATENT ASSIGNEE(S): Sharp Kk, Japan
SOURCE: Jpn Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07146574	A2	19950606	JP 1994-52168	19940323
PRIORITY APPLN. INFO.:			JP 1993-241410	19930928
GI				

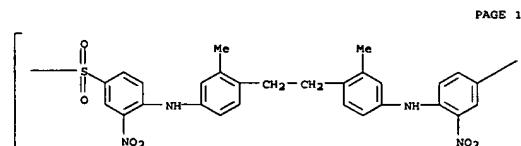


AB The title electrophotog. photoreceptor contains the enamine [I; A, A' = alkyl, aryl, heterocycl; R1, R2 = H, C1-4 alkyl, aryl (R1, R2 may not be H simultaneously); a, a' = H, lower alkyl, lower alkoxy, halo.; X = O, S, CR2R4 (R3, R4 = H, C1toeq.4 alkyl, aryl), divalent monocyclic hydrocarbon]. The photoreceptor has high sensitivity and good durability.
IT 166317-28-8
RL: DEV (Device component use); USES (Uses)
(electrophotog. photoreceptor using)
RN 166317-28-8 CAPLUS
CN Benzenamine, 4,4'-methylenebis(N-(2-diphenylethenyl)-3-methyl-N-(3-methylphenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L4 ANSWER 14 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1995:684256 CAPLUS
DOCUMENT NUMBER: 123:182651
TITLE: Lambda type main-chain polymers for SHG
AUTHOR(S): Tao, X. T.; Watanabe, T.; Shimoda, S.; Zou, D. C.; Miyata, S.
CORPORATE SOURCE: Faculty Technology, Tokyo University Agriculture and Technology, Koganei, 184, Japan
SOURCE: Transactions of the Materials Research Society of Japan (1994), 15A(Biomaterials, Organic and Intelligent Materials), 555-8
CODEN: TMRJE3; ISSN: 1382-3469
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Main-chain polymers with 2 directional charge transfer chromophores (.LAMBDA. shaped conformation) were synthesized by nucleophilic displacement polymn. by using bis(4-fluoro-3-nitrophenyl)sulfone with both aliph. and arom. diamines in aprotic solvents with very high yields. The polymer films poled by corona discharge showed large 2nd order nonlinear optical coeffs. Before poling pos. birefringences were obstd. in all these polymers, for the polymers with rigid spacer units, even after poiling nTE is still larger than nTM, indicating the polymer chains preferentially oriented to the substrate plane.
IT 158400-83-0P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (prep. and birefringence and second-harmonic generation by poled films of)
RN 158400-83-0 CAPLUS
CN Poly[taulfonyl(3-nitro-1,4-phenylene)imino(3-methyl-1,4-phenylene)-1,2-ethanediyl(2-methyl-1,4-phenylene)imino(2-nitro-1,4-phenylene)] (9CI) (CA INDEX NAME)

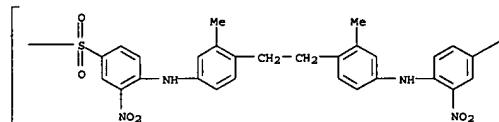


L4 ANSWER 14 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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L4 ANSWER 15 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1994:656463 CAPLUS
 DOCUMENT NUMBER: 121:256463
 TITLE: .LAMBDA.-Type Main-Chain Polymers for Second Harmonic Generation
 AUTHOR(S): Tao, X. T.; Watanabe, T.; Shimoda, S.; Zou, D. C.; Sato, H.; Miyata, S.
 CORPORATE SOURCE: Faculty of Technology, Tokyo University of Agriculture and Technology, Koganei, 184, Japan
 SOURCE: Chemistry of Materials (1994), 6(11), 1961-6
 CODEN: CMATEX; ISSN: 0897-4756
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB A novel series of main-chain polymers from .LAMBDA.-shaped mols. were synthesized by nucleophilic displacement polymer. These polymers were prep'd. from bis(4-fluoro-3-nitrophenyl) sulfone with aliph. and arom. diamines in aprotic solvents. These main-chain polymers derived from .LAMBDA.-shaped mols. are amorphous, processable, contain high d. of nonlinear optical-active chromophores, and exhibit high glass transition temps. The corona discharge poled polymer films showed large second-order nonlinear optical coeffs. and good temporal stability at elevated temps. Before poling, all these polymers show pos. birefringence. For polymers having rigid spacer units, even after poling, the refractive indexes of nTE are still larger than those of nTM. The large pos. birefringence indicates a preference of polymer chains to orient along the film surface.
 IT 158400-83-0P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (synthesis and properties of .LAMBDA.-type main-chain polyamine-polyulfones for second harmonic generation)
 RN 158400-83-0 CAPLUS
 CN Poly{[sulfonyl(3-nitro-1,4-phenylene)imino(3-methyl-1,4-phenylene)-1,2-ethanediyl(2-methyl-1,4-phenylene)imino(2-nitro-1,4-phenylene)]} (9CI)
 (CA INDEX NAME)

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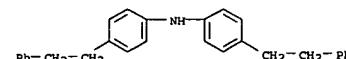


L4 ANSWER 15 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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L4 ANSWER 16 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1994:634420 CAPLUS
 DOCUMENT NUMBER: 121:234420
 TITLE: Antioxidants for functional fluids
 INVENTOR(S): Horodysky, Andrew G.; Hsu, Shih-Ying; Jeng, Andrew; Rudnick, Leslie R.
 PATENT ASSIGNEE(S): Mobil Oil Corp., USA
 SOURCE: U.S., 7 pp. Cont.-in-part of U.S. 5,194,167.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5336420	A	19940809	US 1992-989861	19921214
US 5194167	A	19930316	US 1991-697039	19910508
PRIORITY APPLN. INFO.:			US 1991-697039	19910508
OTHER SOURCE(S): MARPAT 121:234420				
AB An arom. synthetic fluid, specifically a monoalkylated tetradecyl di-Ph oxide synthetic lubricant, contains a polymer-supported reaction product of an org. quaternary ammonium salt, derived from a mercapto-heterocycle and a quaternary ammonium salt. To produce the polymer-supported org. quaternary ammonium salt, the salt is reacted with a dicarboxylic acid or anhydride, specifically 2-dodecen-1-ylsuccinic anhydride. An arylamine antioxidant, such as alkylated Ph naphthylamine, can be added to the polymer-supported org. quaternary ammonium salt-treated functional fluid to impart extra antioxidant and stability properties.				
IT 15721-79-6	RL: RCT (Reactant); RACT (Reactant or reagent) (in manuf. of antioxidant for functional fluids)			
RN 15721-79-6 CAPLUS				
CN Benzenamine, 4-(2-phenylethyl)-N-[4-(2-phenylethyl)phenyl]- (9CI)	(CA INDEX NAME)			



L4 ANSWER 17 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:435608 CAPLUS

DOCUMENT NUMBER: 121:35608

TITLE: Imidazole compounds, their preparation and use
INVENTOR(S): Axelsson, Oskar; Peters, Dan; Ostergaard, Elsebet; Christoffersen, Palle

PATENT ASSIGNEE(S): Neurosearch A/S, Den.

SOURCE: Can. Pat. Appl., 48 pp.

CODEN: CPXXED

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

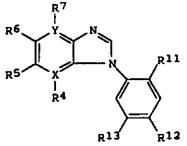
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2092211	AA	19930927	CA 1993-2092211	19930323
CA 2092211	C	20030826		

PRIORITY APPLN. INFO.: NL 1992-401

OTHER SOURCE(S): MARPAT 121:35608

GI



AB A process for the prepn. of compds. of the formula I wherein X is C or N; Y is C or N. R11 and R12 are each independently hydrogen; halogen; CF₃; CN; OH; alkyl; cycloalkyl; cycloalkylalkyl; alkenyl; alkynyl; alkoxy; phenylalkyl; amino; nitro; sulfamoyl; piperidyl; acyl;

CO₂H; CO₂-alkyl; CO-amino; NH-CO-alkyl; phenylsulfonyl which may be substituted with halogen, CF₃, CN, OH alkyl, alkenyl, alkynyl, alkoxy, amino, or nitro; phenoxy which may be substituted with halogen, CF₃, CN, OH, alkyl, alkenyl, alkynyl, alkoxy, amino, or nitro; phenylamino which may

be substituted with halogen, CF₃, CN, OH, alkyl, alkenyl, alkynyl, alkoxy, amino, or nitro; or aryl which may be substituted one or more times with halogen, CF₃, CN, OH, alkyl, cycloalkyl, cycloalkylalkyl, alkenyl, alkynyl, alkoxy, phenoxy, phenylalkyl, amino, nitro, sulfamoyl,

piperidyl; pyridinyl, CO₂H, CO₂-alkyl, CO-amino, or NH-CO-alkyl; and R4, R5, R6 and R7 are each independently hydrogen; halogen; amino; nitro; CN; CF₃; COOH; COO-alkyl; alkyl; acyl; alkoxy; -(CH₂)_n; -OH wherein n is 0, 1, 2, or 3; -(CH₂)_m-O-alkyl wherein m is 0, 1, 2, or 3; -(CH₂)_oO-acetyl wherein

o

L4 ANSWER 18 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:249135 CAPLUS

DOCUMENT NUMBER: 120:249135

TITLE: Lubricant for running a heat pump or refrigeration plant compressor with ammonia as refrigerant

INVENTOR(S): Mall, Klaus; Kusai, Siegfried

PATENT ASSIGNEE(S): Linde A.-G., Germany; Rhein Chemie Rheinau GmbH

SOURCE: Eur. Pat. Appl., 6 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 565934	A1	19940309	EP 1993-114100	19930902
EP 565934	B1	19980422		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT, SE
DE 4240733 A1 19940310 DE 1992-4240733 19921203

US 5413728 A 19950509 US 1993-111858 19930826

HU 66979 A2 19950130 HU 1993-2475 19930902

PL 173152 B1 19980227 PL 1993-300277 19930902

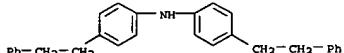
AT 165391 E 19980515 AT 1993-114100 19930902

PRIORITY APPLN. INFO.: DE 1992-4229364 A 19920903
DE 1992-4240733 A 19921203

AB The lubricant is a mixt. of monofunctional and difunctional polyalkylene glycols (e.g., polyethylene glycol or polypropylene glycol) with an amine (e.g., di-Ph amine or a di-Ph amine deriv.).

IT 15721-79-6 RL: USES (Uses)
(lubricant contg. polyalkylene glycols and, for heat pump or refrigeration unit using ammonia)

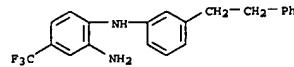
RN 15721-79-6 CAPLUS
CN Benzenamine, 4-(2-phenylethyl)-N-(4-(2-phenylethyl)phenyl)- (9CI) (CA INDEX NAME)

Ph-CH₂-CH₂

L4 ANSWER 17 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
is 0, 1, 2 or 3; and that if X is N then R4 is absent and that if Y is N then R7 is absent; or a pharmaceutically-acceptable addn. salt thereof. The compds. are useful as pharmaceuticals, for example, in the treatment of stroke, ischemia, anoxia, migraine and psychosis.

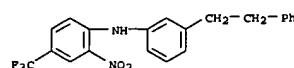
IT 153935-10-5 153935-32-1
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prep. and reactions of, as calcium channel-blocking agents in treatment of CNS)

RN 153935-10-5 CAPLUS
CN 1,2-Benzenediamine, N1-[3-(2-phenylethyl)phenyl]-4-(trifluoromethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 153935-32-1 CAPLUS
CN Benzenamine, 2-nitro-N-[3-(2-phenylethyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 19 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:245169 CAPLUS

DOCUMENT NUMBER: 120:245169

TITLE: Imidazole compounds, their preparation and use

INVENTOR(S): Axelsson, Oskar; Peters, Dan; Nielsen, Elsebet

Ostergaard; Christoffersen, Palle

PATENT ASSIGNEE(S): Neurosearch A/S, Den.

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 563001	A1	19930929	EP 1993-610022	19930324
EP 563001	B1	19960228		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,
SE NO 9301080 A 19930927 NO 1993-1080 19930324

AU 9335406 A1 19930930 AU 1993-35406 19930324

AU 660219 B2 19950615

ZA 9302090 A 19931015 ZA 1993-2090 19930324

JP 06049037 A2 19940222 JP 1993-65688 19930324

US 5360809 A 19941101 US 1993-36425 19930324

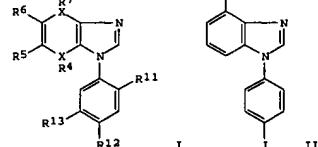
AT 134621 E 19960315 AT 1993-610022 19930324

ES 2085133 T3 19960516 ES 1993-610022 19930324

PRIORITY APPLN. INFO.: DK 1992-401 19920326

OTHER SOURCE(S): MARPAT 120:245169

GI



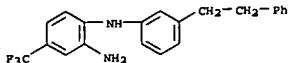
AB The title compds., particularly the benzimidazole derivs. and 3H-imidazo[4,5-b]pyridine derivs., I (X, = carbon, nitrogen; R12, R13 = alkyl; R4-R7 = H, halo, amino, cyano, etc.) and their uses for the treatment of diseases responsive to blocking of calcium channels of the central nervous system are claimed. Such diseases include degenerative changes assoc'd. with stroke, ischemia, migraine, psychosis, Parkinson's disease, depression, epilepsy, or convulsive disorders. For example, 1-(4-iodophenyl)-4-fluorobenzimidazole (II) had an in vitro activity as L-type calcium channel blocker. Other I were tested for activity as N-type and P-type calcium channel blockers.

IT 153935-10-5 153935-32-1
RL: RCT (Reactant); RACT (Reactant or reagent)

10/21/2003

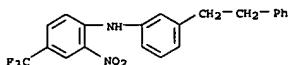
Habte

L4 ANSWER 19 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 (prepn. as intermediate for (phenyl)benzimidazole calcium channel blocker)
 RN 153935-10-5 CAPLUS
 CN 1,2-Benzenediamine, N1-[3-(2-phenylethyl)phenyl]-4-(trifluoromethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HC1

RN 153935-32-1 CAPLUS
 CN Benzenediamine, 2-nitro-N-(3-(2-phenylethyl)phenyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

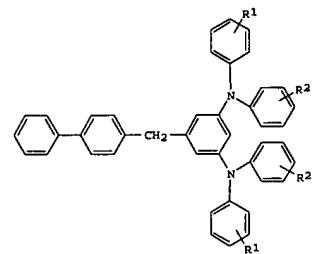


L4 ANSWER 20 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 ACCESSION NUMBER: 1993:482898 CAPLUS
 DOCUMENT NUMBER: 119:82898
 TITLE: Preparation of [3,5-bis(diphenylamino)phenyl](p-biphenyl)methanes and electrophotographic photoreceptors using them as charge-transporting agents

INVENTOR(S): Mizuta, Yasushi; Tanaka, Sakushiro; Nakamori, Hideo; Yamamoto, Ichiro
 PATENT ASSIGNEE(S): Mita Industrial Co Ltd, Japan
 SOURCE: Jpn, Kokai Tokkyo Koho, 10 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE

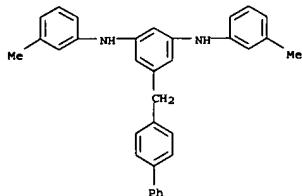
 JP 05105650 A2 19930427 JP 1991-267883 19911016
 PRIORITY APPLN. INFO.: JP 1991-267883 19911016
 OTHER SOURCE(S): MARPAT 119:82898
 GI



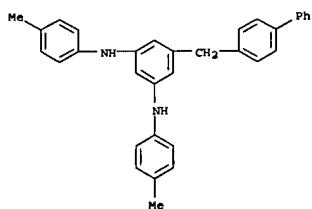
AB The title compds. I (R1-2 = H, (un)substituted alkyl, alkoxy) and electrophotog. photoreceptors comprising an elec.-conductive support having thereon a photosensitive layer contg. I are claimed. The electrophotog. photoreceptors are excellent in sensitivity and durability in repeated use.

IT 148935-34-6P 148935-35-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and condensation of, with iodobenzenes, electrophotog.
 photoreceptor charge-transporting agents from)
 RN 148935-34-6 CAPLUS

L4 ANSWER 20 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 1,3-Benzenediamine, 5-((1,1'-biphenyl)-4-ylmethyl)-N,N'-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 148935-35-7 CAPLUS
 CN 1,3-Benzenediamine, 5-((1,1'-biphenyl)-4-ylmethyl)-N,N'-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)

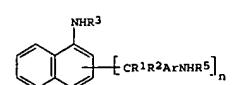


L4 ANSWER 21 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 ACCESSION NUMBER: 1993:172334 CAPLUS
 DOCUMENT NUMBER: 118:172334
 TITLE: Substituted 1-aminonaphthalenes and stabilized compositions

INVENTOR(S): Odorisio, Paul A.; Chasan, David E.; Pastor, Stephen D.
 PATENT ASSIGNEE(S): Ciba-Geigy Corp., USA
 SOURCE: U.S., 12 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE

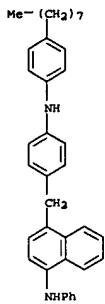
 US 5160647 A 19921103 US 1991-697123 19910507
 EP 512950 A1 19921111 EP 1992-810303 19920428
 EP 512950 B1 19960117
 R: BE, DE, ES, FR, GB, IT
 ES 2082424 T3 19960316 ES 1992-810303 19920428
 CA 2068045 AA 19921108 CA 1992-2068045 19920505
 BR 9201694 A 19921215 BR 1992-1694 19920506
 JP 05194311 A2 19930803 JP 1992-140940 19920506
 JP 3118732 B2 20001218
 US 5244953 A 19930914 US 1992-928254 19920810
 PRIORITY APPLN. INFO.: US 1991-697123 A 19910507
 OTHER SOURCE(S): MARPAT 118:172334
 GI



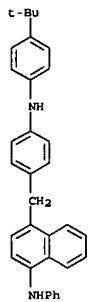
AB Title compds. (I) (R1, R2 = H, C1-18 alkyl; R3, R5 = substituted aryl) are prep'd. as stabilizers for lubricating oils (synthetic ester) which may addnl. contain a phenolic antioxidant, and for polymer compns. I are particularly effective in lubricating oil compns. when used with a diarylamine antioxidant. H2SO4 was added to N-(4-tert-octylphenyl)-1-naphthylamine in MeOH, and HCHO was added to the resulting mixt. to give after workup 4,4'-methylenebis[N-(4-tert-octylphenyl)-1-naphthylamine (II). In a test for performance of an aircraft turbine engine lubricating oil, a 1:1 mixt. of II and synthetic ester lubricating oil exceeded the requirement specified by Naval Air System Command.

IT 146528-51-0 146528-52-1P
 RL: PREP (Preparation)
 (prepn. of, as stabilizer for lubricating oil and polymers)
 RN 146528-51-0 CAPLUS
 CN 1-Naphthalenamine, 4-[(4-[(4-octylphenyl)aminophenyl)methyl]-N-phenyl- (9CI) (CA INDEX NAME)

L4 ANSWER 21 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

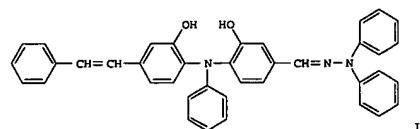
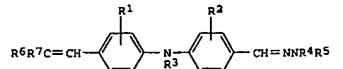


RN 146528-52-1 CAPLUS
 CN 1-Naphthalenamine,
 4-[(4-(1,1-dimethylethyl)phenyl)aminophenyl]methyl
 -N-phenyl- (9CI) (CA INDEX NAME)



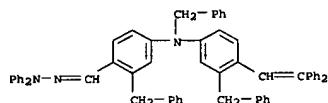
L4 ANSWER 22 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1993:113074 CAPLUS
 DOCUMENT NUMBER: 118:113074
 TITLE: Electrophotographic photoreceptors using novel hydrazone-type charge-transporting agent
 INVENTOR(S): Hanatani, Yasuyuki; Muto, Mariaki; Iwasaki, Hiroaki
 PATENT ASSIGNEE(S): Mita Industrial Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04240652	A2	19920827	JP 1991-7303	19910124
PRIORITY APPLN. INFO.:			JP 1991-7303	19910124
GI				



AB The photoreceptors comprise a conductive substrate with a coating of a photosensitive layer contg. a hydrazone compd. I (R1-2 = OH, NO₂, CN, (substituted) alkanoyl, (substituted) alkenyl, substituted alkyl, (substituted) aryl, substituted aralkyl, (substituted) condensed polycyclic group, (substituted) heterocycle; R3 = H, alkyl, aralkyl, aryl, condensed polycyclic group, heterocycle (all the groups may be substituted); R4-5 = aryl, alkyl, condensed polycyclic group, heterocycle (all the groups may be substituted); R6-7 = H, alkyl, aryl, condensed polycyclic group, heterocycle (all the groups may be substituted); R6 = noteq. R7 = noteq. H, R4 and R5 or R6 and R7 may form a ring). The photoreceptors show high photosensitivity and good durability. Thus, an Al substrate was coated with a charge-generating layer contg. a bisazo compd. and with a charge-transporting layer contg. II to give a photoreceptor.

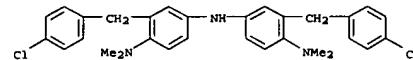
L4 ANSWER 22 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 IT 146018-48-6
 RL: USES (Uses)
 (charge-transporting agent, electrophotog. photoreceptor using)
 RN 146018-48-6 CAPLUS
 CN Benzaldehyde,
 4-[(4-(2,2-diphenylethenyl)-3-(phenylmethyl)phenyl)(phenylmethyl)amino]-2-(phenylmethyl)-, diphenylhydrazone (9CI) (CA INDEX NAME)



L4 ANSWER 23 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1993:97573 CAPLUS
 DOCUMENT NUMBER: 118:97573
 TITLE: Stabilized reagents and their use in peroxidase determination in EIA
 INVENTOR(S): Funayama, Masashi; Funayama, Masashi
 PATENT ASSIGNEE(S): Japan Kokai Tokkyo Koho, 4 pp.
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04325098	A2	19921113	JP 1990-418838	19901231
PRIORITY APPLN. INFO.:			JP 1990-418838	19901231
AB A compn. for peroxidase detn. in EIA consists of, e.g., (1) a compn. contg. 5 mM 2,2'-azinobis(3-ethylbenzothiazoline-6-sulfonic acid diammonium in 20 mM citric acid buffer with granular Zn (5 g/dL); and (2) a compn. contg. 0.02% H ₂ O ₂ . The compn. was stable for up to 24 mos. No or little color change was noted.				

IT 101650-95-7
 RL: ANST (Analytical study)
 (stabilized reagents contg., for peroxidase detn. in EIA)
 RN 101650-95-7 CAPLUS
 CN 1,4-Benzenediamine, 2-[(4-chlorophenyl)methyl]-N4-[3-[(4-chlorophenyl)methyl]-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)



14 ANSWER 24 OF 50 CAPLUS COPYRIGHT 2003 ACS ON STN
ACCESSION NUMBER: 1991:570898 CAPLUS
DOCUMENT NUMBER: 115:170898
TITLE: Electrophotographic photoconductors
INVENTOR(S): Niimi, Tatsuya; Umeda, Minoru
PATENT ASSIGNEE(S): Ricoh Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAP
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

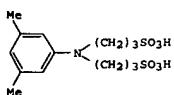
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03056967	A2	19910312	JP 1989-192870	19890726
JP 2893189	B2	19990517		
PRIORITY APPLN. INFO.:			JP 1989-192870	19890726
OTHER SOURCE(S):	MARPAT	115:170898		

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Charge carrier-generating layer of the photoconductors contain I and/or
 II (R₁, R₃-4 = H, amino, alkoxy, thioalkoxy, aryloxy, methylenedioxy, aryl;
 R₂ = H, alkoxy, alkyl, halo; R₁-4 are not simultaneously H; k, l, m, n =
 1-4; Ar = arylene; RS = H, alkyl, alkoxy, aryloxy, dialkylamino, diarylamino,
 halo; R₆-7 = alkyl, aryl; p = 1, 2). These agents provide much
 suppressed decrease of chargeability by previous exposure, and prompt increase of
 charged voltage after charging-exposure cycles. Thus, an Al-coated PET
 film was coated with a charge-generating layer contg. 2 parts bisazido dye
 III and 0.9 parts IV and poly(vinyl butyral), and with a
 charge-transporting layer contg. IV and polycarbonate. Obtained
 photoconductor was chargeable to -430 V by 1-s charging, and showed dark
 decay (10 s) to 81% voltage, and sensitivity (exposure required for half
 decay of voltage) 1.32 lx-s. After repeating charging and exposure for
 30 min, the photoconductor was chargeable by 1-s charging to -432 V, and
 showed dark decay to 86% voltage and sensitivity 1.42 lx-s.
 IT 136286-94-7
 RL: USES (Uses)
 (charge-generating layer of electrophotog. photoconductors contg.
 charge-generating agent and, for prompt charging behavior)
 RN 136286-94-7 CAPLUS
 CN Benzenamine, N,4-dimethyl-N-[4-(4-phenylbutyl)phenyl]- (9CI) (CA INDEX
 NAME)

14 ANSWER 25 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1990:194925 CAPLUS
DOCUMENT NUMBER: 112:194925
TITLE: Enzymic method and kit for the determination of
NAD(P)H and serum analytes, and preparation of
chromogenes for the method
INVENTOR(S): Aoyama, Norihito; Tateno, Toshio; Miike, Akira
PATENT ASSIGNEE(S): Kyowa Medex Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 342984	A2	19891123	EP 1989-305054	19890518
EP 342984	A3	19920311		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 02049600	A1	19900219	JP 1989-123050	19890517
PRIORITY APPLN. INFO.:			JP 1988-121458	19880518
OTHER SOURCE(S):	MARPAT	112:194925		
GI:				



AB The invention provides a method and kit for the detn. of NAD(P)H in a sample, e.g. a clin. sample, which comprises reducing pyruvic acid or a salt thereof with NAD(P)H in the presence of lactate dehydrogenase to form lactic acid, oxidizing the lactic acid in the presence of lactate oxidase to form H₂O₂, and detg. the H₂O₂ by reaction with peroxidase in the presence of a chromogen unsusceptible to NAD(P)H. The method is esp. useful in detn. of analytes, e.g. bile acid or phosphohexose isomerase (PHI), in serum contg. lactic acid, in which case the sample is initially reacted with lactate oxidase to convert the lactic acid to pyruvic acid and H₂O₂, which is then decompd., the pyruvic acid produced in that case providing at least a proportion of the pyruvic acid which is subsequently converted back to lactic acid. A variety of aryl compds. useful as chromogens in the above method are also prep'd. or provided. Thus, 50-400 IU PHI/L was detd. with a 1st reagent (pH 7.5) contg. NaH₂PO₄, Triton X-100, MgCl₂, peroxidase, lactate dehydrogenase, glucose-6-phosphate dehydrogenase, lactate oxidase, pyruvic acid, NaOH, and I; and a 2nd reagent (pH 7.5) contg. NaH₂PO₄, Triton X-100, 4-amino-1-pyridine, and

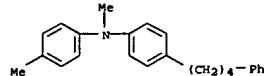
IT fructose-6-phosphate. A calibration
101650-91-3 101650-95-7 101650-96-8
RL: ANST (Analytical study)

RN 101650-91-3 CAPLUS
CN 3-(4-Piperidinyl)azina

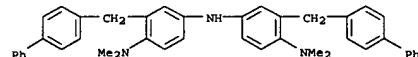
CN 1,4-Benzenediamine.

Habte

L4 ANSWER 24 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

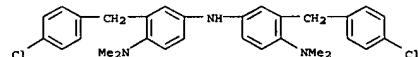


L4 ANSWER 25 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
4-methyl)-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX
NAME)



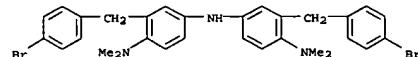
RN 101650-95-7 CAPLUS

CN 1,4-Benzenediamine, 2-[(4-chlorophenyl)methyl]-N4-[3-[(4-chlorophenyl)methyl]-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)



RN 101650-96-8 CAPLUS

CN 1,4-Benzenediamine, 2-[(4-bromophenyl)methyl]-N4-[3-[(4-bromophenyl)methyl]-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)



10/21/2003

L4 ANSWER 26 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1989-631924 CAPLUS

DOCUMENT NUMBER: 111-233924

TITLE: Manufacture of aromatic polyamines

INVENTOR(S): Imai, Yoshiro; Kakimoto, Masaaki; Ooishi, Yoshuki;

Munirachina, Padomanaban

PATENT ASSIGNEE(S): Tokyo Institute of Technology, Japan

SOURCE: Jpn Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

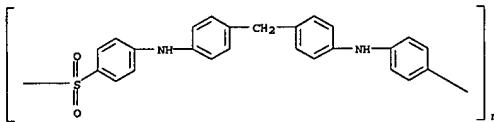
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01121324	A2	19890515	JP 1987-279403	19871106
JP 05056772	B4	19930820		

PRIORITY APPLN. INFO.: JP 1987-279403 19871106
 AB The polyamines ($\text{NH}_2\text{NH}-\text{p-C}_6\text{H}_4\text{Z}_2\text{C}_6\text{H}_4-\text{p-}\text{N}$) [$Z_1 = \text{C}_5\text{-16 alkylene or arylene group bearing 1-}10\text{ hetero arom. rings; }Z_2 = \text{CO, SO}_2, n = 10\text{-100}$]
 are prep'd. by polycondensation of $\text{R}_1\text{R}_2\text{R}_3\text{SINH}_2\text{IINH}_2\text{R}_4\text{R}_5\text{R}_6$ ($\text{R}_1\text{-6 = Cl-alkyl, 12 alkyl, cycloalkyl, aryl, arylalkyl}$) with $Z_2[\text{C}_6\text{H}_4\text{-p-}\text{N}(X)$ ($X = \text{halogen}$) in appropriate solvents. Heating 2.5 mmol [p-MeSi(NHC₆H₄)₂O] at 100° for 14 h and 150° for 7 h gave a polyamine with intrinsic viscosity 0.61 dL/g, glass temp. 200°, and decompr. temp. 430°.
 IT 123851-64-9 123851-67-29
 RL: PREP (Preparation)
 (prep'n. of, with high d.p.)

RN 123851-64-9 CAPLUS

CN Poly(sulfonyl-1,4-phenyleneimino-1,4-phenylenemethylene-1,4-phenyleneimino-1,4-phenylene) (9CI) (CA INDEX NAME)



RN 123851-67-2 CAPLUS

CN Poly(imino-1,4-phenylenecarbonyl-1,4-phenyleneimino-1,4-phenylenemethylene-1,4-phenylene) (9CI) (CA INDEX NAME)

L4 ANSWER 27 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1988-483333 CAPLUS

DOCUMENT NUMBER: 109-83333

TITLE: Electrophotographic photosensitive material containing

INVENTOR(S): bia(benzocarbazolylazophenyl)amine derivative

PATENT ASSIGNEE(S): Matsumoto, Masakazu

Canon K. K., Japan

SOURCE: Ger. Offen., 24 pp.

CODEN: GWXXB

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3723973	A1	19880128	DE 1987-3723973	19870720
DE 3723973	C2	19900208		
JP 63027849	A2	19880205	JP 1986-172579	19860722
JP 05005348	B4	19930122		
US 4820602	A	19890411	US 1987-73174	19870714
US 4820602			JP 1986-172579	19860722

PRIORITY APPLN. INFO.:

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB An electrophotog. photoreceptor with high sensitivity in the visible region and stable potential characteristics upon repeated use consists of an conductive support and a photosensitive layer contg. a compd. of the formula I ($\text{R}_1\text{-R}_{12} = \text{H, halogen, alkyl, aralkyl, alkoxy, NO}_2, \text{CN, FJC, or substituted NH}_2$; $\text{R}_{13} = \text{Ph with .gtreq.1 NO}_2, \text{CN, and halogen group and R}_5\text{R}_6, \text{R}_7\text{R}_8, \text{R}_9\text{R}_{10}, \text{R}_{11}\text{R}_{12}$, and $\text{R}_{11}\text{R}_{12}$ together an form a condensed arom. ring) as a charge-generating agent. Thus, an ammoniacal casein soln.-coated Al

plate was coated with a dispersion contg. II, poly(vinyl butyral), and EtOH to give a charge-generating layer and then overcoated with a soln. contg. p-diethylaminobenzaldehyde 1-naphthylphenylhydrazone, poly(MMA-methacrylate), and benzene to give a charge-transporting layer. The resultant electrophotog. photoreceptor showed both sufficient chargeability and sensitivity.

IT 115727-05-4

RL: USES (Uses)
 (electrophotog. composite photoreceptor with charge carrier-generating layer contg., for improved chargeability and sensitivity)

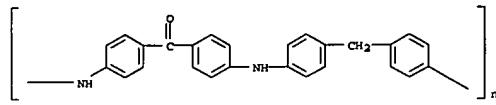
RN 115727-05-4 CAPLUS

CN 11H-Benz[α]carbazole-3-carboxamide,

8-(dimethylamino)-2-hydroxy-1-[4-

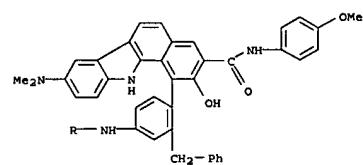
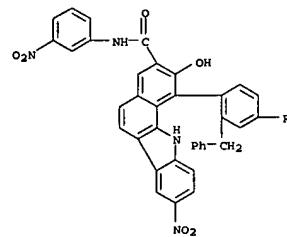
[2-hydroxy-8-nitro-3-[(3-nitrophenyl)amino]carbonyl]-11H-benzo[α]carbazol-1-yl]-3-(phenylmethyl)phenyl]amino)-2-(phenylmethyl)phenyl]-N-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 26 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L4 ANSWER 27 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

PAGE 1-A

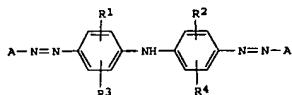


PAGE 2-A

L4 ANSWER 28 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1987:224453 CAPLUS
 DOCUMENT NUMBER: 106:224453
 TITLE: Electrophotographic charge-generating diazo photoconductors
 INVENTOR(S): Matsumoto, Masakazu; Takiguchi, Takao; Yamashita, Masatake; Umehara, Masahige; Ishikawa, Shozo
 PATENT ASSIGNEE(S): Canon K. K., Japan
 SOURCE: Jpn. Kokai Tokyo Koho, 25 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61269165	A2	19861128	JP 1985-110100	19850524
JP 04017423	B4	19920325		
US 4760003	A	19880726	US 1986-865452	19860521
PRIORITY APPLN. INFO.:			JP 1985-110100	19850524
			JP 1985-113043	19850528

GI



I

AB The diazo compd. have the formula I (R1-R4 = H, halo, NO₂, alkyl etc.;

A - coupler residue having one phenolic OH group). A composite photoconductor was prep'd. by dispersing in poly(vinyl butyral) binder a diazo compd. of the formula I (R1-R4 = H; A = coupler residue from 3-hydroxy-2-anthracene carboxylic acid anilide) to give a charge-generating layer and dispersing in PMMA binder a hydrazone compd. to form a charge-transporting layer. It showed improved sensitivity and stability for practical use.

IT 108598-34-1

RL: USES (Uses)
 (electrophotog. Photoconductor with charge-generating compd. from)

RN 108598-34-1 CAPLUS

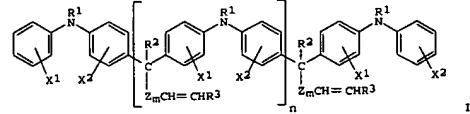
CN 11H-Benzo[1]carbazole-3-carboxamide,

1,1'-[iminobis([3-(phenylmethyl)-4-phenylene]azo)]bis[N-(2,3-dichlorophenyl)-2-hydroxy- (9CI) (CA INDEX NAME)

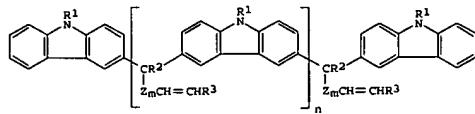
L4 ANSWER 29 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1987:154276 CAPLUS
 DOCUMENT NUMBER: 106:154276
 TITLE: Electrophotographic photoreceptor
 INVENTOR(S): Matsumoto, Masakazu
 PATENT ASSIGNEE(S): Canon K. K., Japan
 SOURCE: Jpn. Kokai Tokyo Koho, 18 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61173255	A2	19860804	JP 1985-13425	19850129
JP 05049106	B4	19930723		
PRIORITY APPLN. INFO.:			JP 1985-13425	19850129

GI



I



II

AB The claimed electrophotog. photoreceptor contains I or II (R1 = H, alkyl, aryl, aralkyl; R2 = H, alkyl; X1, X2 = H, alkyl, aralkyl, alkoxy, halo;

R3 = aryl heterocyclyl; Z = arylene, heterocyclylene; m = 0, 1; n .gtreq.

1) in the photoconductor layer. The photoreceptor exhibits excellent sensitivity and durability. The compds. I and II are esp. useful as e charge carrier-transporting agents.

IT 107479-4-4

RL: BIOL (Biological study)
 (electrophotog. charge carrier-transporting agent)

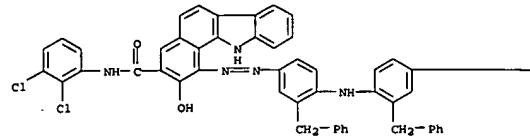
RN 107479-41-4 CAPLUS

CN Poly[imino-1,4-phenylene[1-ethyl-3-(4-pyridinyl)-2-propenylidene][3-(phenylmethyl)-1,4-phenylene], alpha-[2-(phenylmethyl)phenyl]-omega-(phenylamino)- (9CI) (CA INDEX NAME)

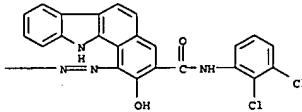
Habte

L4 ANSWER 28 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

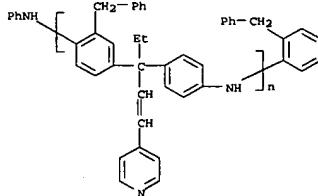
PAGE 1-A



PAGE 1-B



L4 ANSWER 29 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



10/21/2003

L4 ANSWER 30 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1987-98389 CAPLUS

DOCUMENT NUMBER: 106-98389

TITLE: Guanase activity determination with new chromogen
Shishino, Koji; Tokunaga, Kenji; Murase, Mitsuharu;AUTHOR(S): Takeuchi, Nozomu
Cent. Lab., Ehime Univ. Hosp., Shigenobu, 791-02,
Japan

CORPORATE SOURCE: Eisai Kensei (1986), 35(10), 1410-15

SOURCE: CODEN: EIKEAS; ISSN: 0367-053X

DOCUMENT TYPE: Journal

LANGUAGE: Japanese

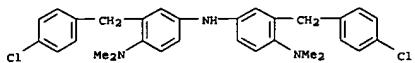
AB A colorimetric method was developed for the detn. of guanase by the hydrolysis of guanine in the presence of the chromogen bis[3-bis[(4-chlorophenyl)methyl]-4-dimethylamino]phenylamine and H₂O₂. The assay was monitored at 754 nm. The addn. of superoxide dismutase enhanced the assay sensitivity by 30%. The calibration curve was linear at 1.00eq. 30 IU/L and neither ascorbate (<50 mg/L) nor bilirubin (<75 mg/L) interfered in the detn. Guanase activity detd. by this method in 240 subjects with normal liver function was 0.1-0.7 IU/L.

IT 101650-95-7

RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidn. of in guanase detn. by colorimetry)

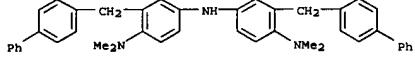
RN 101650-95-7 CAPLUS

CN 1,4-Benzenediamine, 2-[{(4-chlorophenyl)methyl]-N4-[3-[(4-chlorophenyl)methyl]-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)



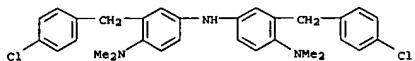
L4 ANSWER 31 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



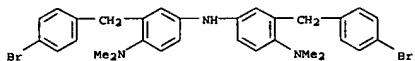
RN 101650-95-7 CAPLUS

CN 1,4-Benzenediamine, 2-[{(4-chlorophenyl)methyl]-N4-[3-[(4-chlorophenyl)methyl]-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)



RN 101650-96-8 CAPLUS

CN 1,4-Benzenediamine, 2-[{(4-bromophenyl)methyl]-N4-[3-[(4-bromophenyl)methyl]-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)



Habte

L4 ANSWER 31 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1986-164829 CAPLUS

DOCUMENT NUMBER: 104-164829

TITLE: Measurement of hydrogen peroxide and analysis based on hydrogen peroxide formation

INVENTOR(S): Aoyama, Norihito; Miike, Akira; Shimizu, Yoshiaki;
Tadano, Tochio

PATENT ASSIGNEE(S): Kyowa Medex Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

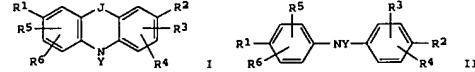
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60218069	A2	19851031	JP 1984-74713	19840413

PRIORITY APPLN. INFO.:

GI



AB Phenothiazine, phenoxazine or diphenylamine derive. I or II [Y = H or

XC:2

(Z = O or S, X = H, alkyl, alkenyl, allyl, (un)substituted amino); R1 = OH, (un)substituted amino; R2 = H, OH, alkyl, alkoxy, allyl, alkenyl, (un)substituted amino; R3 = (un)substituted diphenylalkyl, etc.,

etc., J = S, O, etc.) are chromogens for the colorimetric detn. of H₂O₂. As an example, uric acid detn. is based on the measurement of H₂O₂ formation. Thus, a 20-μL serum sample was treated with 3 mL of a reagent contg.

II

(R1 = NH₂; R2 = NH; R3, R5 = diphenylmethyl; R4, R6 = H; Y = H), uricase, phenol, peroxidase, Triton X-100 and pH 6.5 buffer at 37.degree. for 10 min, and absorbance was measured for the detn. of uric acid.

IT 101650-91-3 101650-95-7 101650-96-8

RL: ANST (Analytical study)
(as chromogen, in hydrogen peroxide detn. by enzymic-calorimetric method)

RN 101650-91-3 CAPLUS

CN 1,4-Benzenediamine, 2-((1,1'-biphenyl)-4-ylmethyl)-N4-[3-((1,1'-biphenyl)-4-ylmethyl)-4-(dimethylamino)phenyl]-N1,N1-dimethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 32 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1981-66132 CAPLUS

DOCUMENT NUMBER: 94:66132

TITLE: Reductive polyheterocyclization - a new general method

AUTHOR(S): Korpak, V. V.; Rusanov, A. L.; Tugushi, D. S.; Kipiani, L. G.; Dzhaparidze, Z. Sh.; Shubaashvili, A. S.; Gverdtsiteli, I. M.

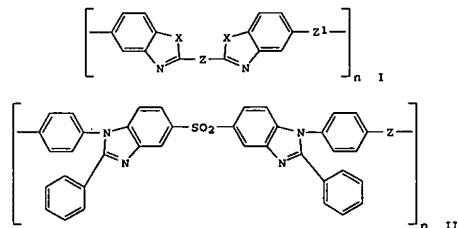
CORPORATE SOURCE: Tbilisi Gos. Univ., Tbilisi, USSR

SOURCE: Izvestiya Akademii Nauk Gruzinokoi SSR, Seriya Khimicheskaya (1980), 6(4), 122-8

DOCUMENT TYPE: Journal

LANGUAGE: Russian

GI



AB The title reaction was used for the prepn. of polybenz(ox)imidazoles (I, X

= N, O; Z = m-C₆H₄, p-C₆H₄, p-C₆H₄OC₆H₄-p; Z1 = O, CH₂, CMe₂, and polybenzimidazoles (II, Z = O, CH₂). I were prepnd. by reacting bis(o-nitro amines) or bis(o-nitropheno) with dicarboxylic acid chlorides, followed by redn. of the resulting poly(o-nitroimides) or poly(o-nitro esters) with Fe-HCl resulting in simultaneous cyclization.

II were prepnd. by reacting bis(anilines) with 4,4'-sulfonylbis[1-chloro-2-nitrobenzene], redn. of the resulting poly(o-nitroamines), acylation with benzoyl chloride [98-88-4], and cyclization. Properties of I and II,

and advantages of reductive polyheterocyclization over the previously employed method utilizing bis(o-diamines) were discussed.

IT 57569-98-9P

RL: SPN (Synthetic preparation); PREP (Preparation)

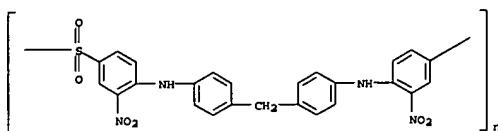
(prepns., redn., acylation and cyclization of)

RN 57569-98-9 CAPLUS

CN Poly[sulfonyl(3-nitro-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenyleneimino(2-nitro-1,4-phenylene)] (9CI) (CA INDEX NAME)

10/21/2003

L4 ANSWER 32 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L4 ANSWER 33 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1981:46442 CAPLUS
 DOCUMENT NUMBER: 94:46442

TITLE: Photochemical studies on an aromatic amine-methane polychloro derivative system. Part VIII. Photochemical activity of some aniline and phenol derivatives in dichloromethane and in a mixture of dichloromethane with benzene

AUTHOR(S): Letowski, Tadeusz; Latowska, Elzbieta; Poplawska, Barbara; Przytarska, Miroslawa; Walczak, Maria; Zelent, Bogumil

CORPORATE SOURCE: Inst. Chem., Univ., Gdansk, 80952, Pol.
 SOURCE: Polish Journal of Chemistry (1980), 54(5), 1073-80
 CODEN: PJCHDQ; ISSN: 0137-5083

DOCUMENT TYPE: Journal
 LANGUAGE: English

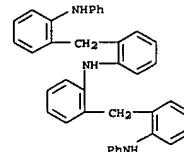
AB The title reactions give diphenylmethane derivs. via a reaction mechanism in which the main step is the formation of substituted phenylmethyl carbocations from the recombination of ClCH₂.bul. with the radical cation of an electron donor.

IT 76176-95-9P 76190-68-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prep., of)

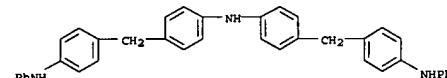
RN 76176-95-9 CAPLUS

CN Benzenamine, 2-[(2-(phenylamino)phenyl)methyl]-N-[2-[(2-(phenylamino)phenyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 76190-68-6 CAPLUS

CN Benzenamine, 4-[(4-(phenylamino)phenyl)methyl]-N-[4-[(4-(phenylamino)phenyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 34 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1979:593668 CAPLUS

DOCUMENT NUMBER: 91:193668

TITLE: Synthesis of poly(1,2-diarylbenzimidazoles) by modified reductive polyheterocyclization

AUTHOR(S): Rusanov, A. L.; Tugushi, D. S.; Shubashvili, A. S.; Gverdtstiebel, I. M.; Korshak, V. V.

CORPORATE SOURCE: Tbilis. Gos. Univ., Tiflis, USSR
 SOURCE: Vysokomolekulyarnye Soedineniya, Seriya A (1979), 21(8), 1873-7DOCUMENT TYPE: Journal
 LANGUAGE: Russian

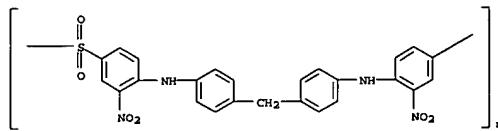
AB The title polymers were prep'd. by polymn. of bis(4-halo-3-nitrophenyl)sulfones with arom. diamines, redn. to poly(o-amino)amines, benzoylation, and thermal cyclization. Optimal reaction conditions, properties of polymers and intermediates, and the influence of diamine structure on polymer properties were detd. The products were thermally stable to 450-90.degree. (5% wt. loss in air).

IT 57569-98-9 69572-48-1 71981-12-9

RL: USES (Uses)
 (in benzimidazole deriv. polymer prepn.)

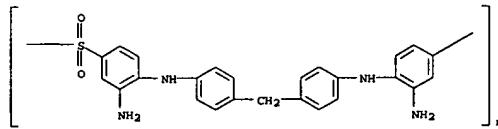
RN 57569-98-9 CAPLUS

CN Poly[sulfonyl(3-nitro-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenylenimino(2-nitro-1,4-phenylene)] (9CI) (CA INDEX NAME)



RN 69572-48-1 CAPLUS

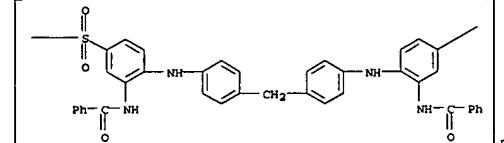
CN Poly[sulfonyl(3-amino-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenylenimino(2-amino-1,4-phenylene)] (9CI) (CA INDEX NAME)



RN 71981-12-9 CAPLUS

CN Poly[sulfonyl(3-(benzoylamino)-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenylenimino(2-(benzoylamino)-1,4-phenylene)] (9CI) (CA INDEX NAME)

L4 ANSWER 34 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L4 ANSWER 35 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1970-147354 CAPLUS

DOCUMENT NUMBER: 91-47354

TITLE: Electrophotographic recording material
INVENTOR(S): Hashimoto, Mitsuru; Sasaki, Masumi; Ohta, Masafumi;
Tatsuta, Kyoji; Sakai, Kiyoshi; Kazami, Takeo

PATENT ASSIGNEE(S): Ricoh Co., Ltd., Japan

SOURCE: Ger. Offen., 55 pp.

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DB 2844507	A1	19790426	DE 1978-2844507	19781012
DB 2844507	C3	19841213		
JP 54059142	A2	19790512	JP 1977-125183	19771020
JP 60057588	B4	19851216		
JP 54065038	A2	19790525	JP 1977-131037	19771101
US 4209327	A	19800624	US 1978-952007	19781017
PRIORITY APPLN. INFO.:			JP 1977-125183	19771020
			JP 1977-131037	19771101

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB An electrophotog. imaging assembly with greatly improved sensitivity consists of an elec. conductive support coated with either a light-sensitive layer or a dispersion of a charge carrier-producing pigment in a charge-transfer medium or a light-sensitive bilayer composed of a layer (either top or bottom) contg. a dispersion of a charge carrier-producing pigment and another layer of a charge-transfer compd. In both cases the charge-transfer compds. have the formulae I (R1 = Cl-7 alkyl; R2, R3 = H, halogen, NO2, or Cl-4 alkyl; and m and n = 1 or 2 with stored 1 of m or n above), II (R4 = H, halogen, NO2, or Cl-4 alkyl or alkoxy), [(R5C6H4CH2)2N-p-C6H4]2CH2 (R5 is same as R4 above), [(R6C6H4CH2)2N-p-C6H4]2O (R6 is same as R4 above), R9C6H4RN(CH7)nR9C6H4R9 (R7, R8 = H or Ph or benzyl substituted by H, halogen, Cl-4 alkyl, MeO, or NO2; R9 = H, halogen, NO2, MeO, or Cl-4 alkyl; n is same as above), III (R10 = Ph or methyl with halogen, NO2, Me, MeO, CO2H, or Ph substituents; R11 = H, halogen, Me, MeO, or NO2), and IV (R12 = Cl-4 alkyl or halogen-substituted benzyl; R13 = H, halogen, or Me). Thus, an electrophotog. imaging assembly comprised of an Al-coated polyester support coated with a dispersion of Diane Blue (V) (color index No. 21180-2 in THF 9% parts to a dry layer thickness of 1 .mu.m. and overcoated with a compn. contg. 1,1-bis(4-N,N'-benzylphenethylaminophenyl)propane 2, a polycarbonate resin 3, and THF 45 parts to a dry thickness of 9 .mu.m. was corona charged to -120 V and the surface potential measured after 20 s in the dark and exposed using a 20-lx W lamp to give a sensitivity of 6.9 lx-s (exposure needed to reduce the potential to 1/2 its original value) vs. >80 lx-s for a control

L4 ANSWER 35 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

without the charge carrier-producing agent V and charged to -1400 V.

IT 70777-35-4

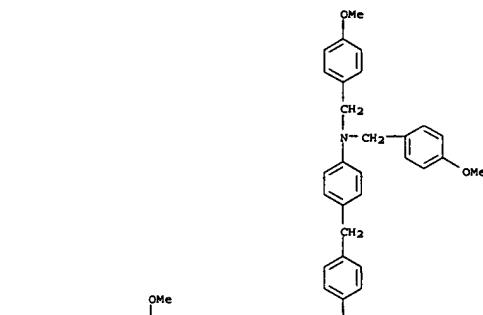
RL: USES (Uses)
(electrophotog. plate charge-transfer layer contg., for improved sensitivity)

RN 70777-35-4 CAPLUS

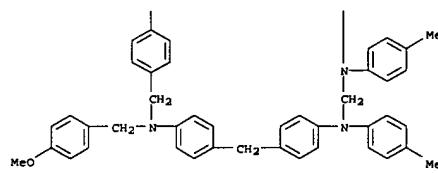
CN Methanediamine,

N,N'-bis[4-[(4-methoxyphenyl)methylamino]phenyl]methylphenyl]-N,N'-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



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L4 ANSWER 35 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

L4 ANSWER 36 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1979-122683 CAPLUS

DOCUMENT NUMBER: 90-122683

TITLE: Permeselective composite membrane
INVENTOR(S): Taketani, Yutaka; Ono, Tomoyoshi; Hayashi, Yuzuru;
Kawaguchi, Takeyuki; Mori, Ko

PATENT ASSIGNEE(S): Teijin Ltd., Japan

SOURCE: Ger. Offen., 50 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

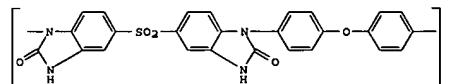
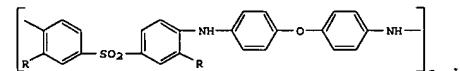
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2825247	A1	19781214	DE 1978-2825247	19780608
DE 2825247	B2	19810625		
DE 2825247	C3	19820401		
JP 54003153	A2	19790111	JP 1977-66601	19770608
JP 62012259	B4	19870317		
JP 54002980	A2	19790110	JP 1977-67847	19770610
JP 61007844	B4	19860310		
US 4260652	A	19810407	US 1978-912547	19780605
GB 2000163	A	19790104	GB 1978-26539	19780608
GB 2000163	B2	19820127		
FR 2393594	A1	19790105	FR 1978-17122	19780608
FR 2393594	B1	19840504		
CA 1128684	A1	19820727	CA 1978-304993	19780608
PRIORITY APPLN. INFO.:			JP 1977-66601	19770608
			JP 1977-67847	19770610

GI



AB The title membranes, useful for water desalination, consist of an ultrathin layer or film of a polybenzimidazolone on a microporous substrate and have good strength, permeability, chem. and biol. resistance, and flexibility. Thus, 18.85 g 3,3'-dinitro-4,4'-dichlorodiphenyl sulfone was added to a soin. of 10.0 g 4,4'-diaminodiphenyl ether and 10.6 g Na2CO3 in 120 mL Me2SO and heated

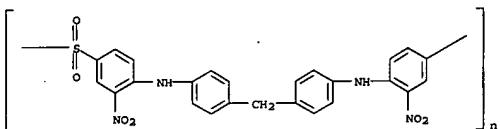
20

10/21/2003

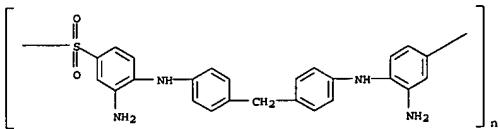
Habte

L4 ANSWER 36 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 b at 120.degree., giving a polyether-polyamine (I, R = NO₂) [56912-12-0] with inherent viscosity 1.00, which was dissolved in aq. MeOH and treated with NaHSO₃ to give the amine deriv. (I, R = NH₂) [62721-12-4]. A soin. of 4.42 g of this product in 50 mL N-methylpyrrolidone was treated with 0.95 g Na₂CO₃ and 2.19 g Et chlorocarbonate, stirred 1 h at room temp., and heated 3 h at 160.degree., giving polybenzimidazolone II [62628-01-7], inherent viscosity 0.85. A Dacron felt of wt. 180 g/m² was fixed on a glass plate and covered with a thin layer of a soin. contg.

204 polysulfone and 15% Me Cellosolve in DMF. The polysulfone was gelled in
 a water bath, giving a fiber-reinforced microporous polysulfone membrane of thickness 40-140 .mu.m. and flow rate for pure water 3.6 times, 10-3-5.7 times, 10-3 g/cm² s-atm. This base membrane was impregnated with a soln. of II 2.5, water 42, EtNH₂ 56, and AcHNMe₂ 2 parts, drained of excess soin., and dried 10 min at 120.degree., giving a product with water flux 16.1 L/m² h and salt rejection 98.6%.
 IT 57569-98-9, reduced and cyclized 69572-48-1D, reduced and cyclized.
 RL: USES (Uses)
 (composite membranes, contg. polysulfones, for water desalination)
 RN 57569-98-9 CAPLUS
 CN Poly[mulfonyl(3-nitro-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenylenimino(2-nitro-1,4-phenylene)] (9Cl) (CA INDEX NAME)

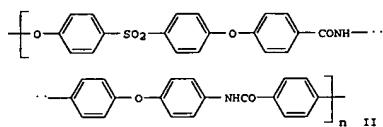


RN 69572-48-1 CAPLUS
 CN Poly[mulfonyl(3-amino-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenylenimino(2-amino-1,4-phenylene)] (9Cl) (CA INDEX NAME)



L4 ANSWER 37 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1977:502832 CAPLUS
 DOCUMENT NUMBER: 87:102832
 TITLE: Aromatic nitrogen group-containing polyether polysulfones
 INVENTOR(S): Blinne, Gerd; Cordes, Claus
 PATENT ASSIGNEE(S): BASF A.G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 15 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2557652	A1	19770623	DE 1975-2557652	19751220
FR 2335551	A1	19770715	FR 1976-37592	19761214
FR 2335551	B3	19790824		
BE 849441	A1	19770615	BE 1976-173291	19761215
GB 1559599	A	19800123	GB 1976-52725	19761217
PRIORITY APPLN. INFO.:			DE 1975-2557652	19751220
GI				



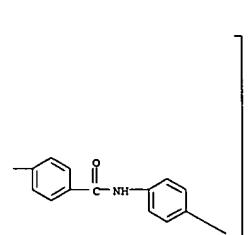
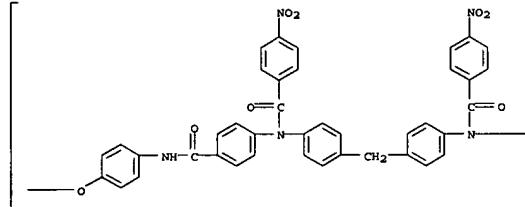
AB Arom. polyether-sulfones contg. amide or iminomethylene groups in the main chain are prepnd. from alkali metal salts of bis(4-hydroxyphenyl)sulfone(I) and bis(halophenyl)-substituted compds. contg. the desired N grouping. Thus, 954 parts 4,4'-bis(p-chlorobenzoyl)diethoxy ether was added to a soin. of 1 di-K salt prepnd. by treating 1 500 1,1-dioxotetrahydrothiophene 1200, and PhCl 3000 parts with 561 parts 60% aq. KOH, at 160.degree.. The mixt. was heated slowly to 220.degree. and condensed 6 h at this temp., giving a polyether-sulfone [63413-87-6] of structure II and inherent viscosity 0.26.

IT 63861-73-4P
 RL: IMP (Industrial manufacture); PREP (Preparation)
 (manuf. of)
 RN 63861-73-4 CAPLUS
 CN Poly[oxy-1,4-phenyleneiminocarbonyl-1,4-phenylene[(4-nitrobenzoyl)imino]-1,4-phenylenemethylene-1,4-phenylene[(4-nitrobenzoyl)imino]-1,4-phenylenecarbonylimino-1,4-phenylene] (9Cl) (CA INDEX NAME)

L4 ANSWER 37 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

L4 ANSWER 37 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

PAGE 1-A



PAGE 1-B

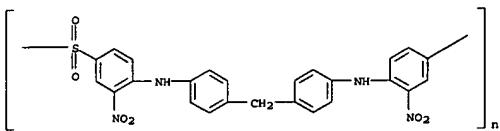
L4 ANSWER 38 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1977:453627 CAPLUS
 DOCUMENT NUMBER: 87:53627
 TITLE: Synthesis of polyarylamines by vinyllogous nucleophilic substitution polymerization of bis(4-chloro-3-nitrophenyl) sulfone with diamines
 AUTHOR(S): Imai, Yoshio; Ueda, Mitsuru; Otaira, Kouetsu
 CORPORATE SOURCE: Fac. Eng., Yamagata Univ., Yonezawa, Japan
 SOURCE: Journal of Polymer Science, Polymer Chemistry Edition (1977), 15(6), 1457-63
 CODEN: JPLCAT; ISSN: 0449-296X
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB A series of arom. polyamines was prep'd. by soln. polycondensation of bis(4-chloro-3-nitrophenyl)sulfone with arom. or aliph. diamines in polar aprotic solvents in the presence of an acid acceptor. The polyamines had inherent viscosity of 0.1-0.5, were amorphous, and were highly sol. in polar aprotic solvents. Thermogravimetric anal. indicated that rapid decompn. of the polyamines from arom. diamines began at 300.degree..

IT 57569-98-9
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)

RN 57569-98-9 CAPLUS

CN Poly[mulfonyl(3-nitro-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenyleneimino(2-nitro-1,4-phenylene)] (9CI) (CA INDEX NAME)



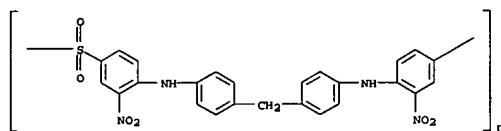
L4 ANSWER 39 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1977:140678 CAPLUS
 DOCUMENT NUMBER: 86:140678
 TITLE: Linear aromatic imine polymers
 INVENTOR(S): Hara, Shigeyoshi; Taketani, Yutaka; Mori, Ko; Senoo, Masao
 PATENT ASSIGNEE(S): Teijin, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 31 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 52006800 A2 19770119 JP 1975-81974 19750704
 PRIORITY APPLN. INFO.: JP 1975-81974 19750704
 AB 4,4'-Diaminodiphenyl ether-4,4'-dichloro-3,3'-dinitrodiphenyl sulfone copolymer (I) [56899-96-8] or similar copolymers were prep'd. Thus, 18.85 g 4,4'-dichloro-3,3'-dinitrodiphenyl sulfone was added to 120 mL Me2SO contg. 10 g 4,4'-diaminodiphenyl ether and 10.6 g Na2CO3 and heated at 120.degree. for 20 h to prep. I.

IT 57569-98-9
 RL: PREP (Preparation)
 (prepn. of)

RN 57569-98-9 CAPLUS

CN Poly[mulfonyl(3-nitro-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenyleneimino(2-nitro-1,4-phenylene)] (9CI) (CA INDEX NAME)



L4 ANSWER 40 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1976:18050 CAPLUS
 DOCUMENT NUMBER: 84:18050
 TITLE: Polymers of aromatic amines
 INVENTOR(S): Hara, Shigeyoshi; Mori, Koh; Taketani, Yutaka; Senoo, Masao
 PATENT ASSIGNEE(S): Teijin, Ltd., Japan
 SOURCE: Ger. Offen., 99 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2507380	A1	19750904	DE 1975-2507380	19750220
DE 2507380	C3	19790104		
JP 50113599	A2	19750905	JP 1974-19373	19740220
US 4069206	A	19780117	US 1975-550738	19750218
CA 1073146	A1	19800304	CA 1975-220446	19750219
BE 825738	A1	19750616	BE 1975-153523	19750220
NL 7502026	A	19750822	NL 1975-2026	19750220
NL 168532	B	19811116		
NL 168532	C	19820416		
FR 2261305	A1	19750912	FR 1975-5325	19750220
FR 2261305	BI	19800814		
GB 1459754	A	19780201	GB 1975-7202	19750220
CH 630934	A	19820715	CH 1975-2115	19750220

PRIORITY APPLN. INFO.: JP 1974-19373 19740220

GI For diagram(s), see printed CA Issue.

AB Hydroscopic and photosensitive polymers were prep'd. from dihalo arom. compds. (contg. electron-rich group) and arom. or aliph. compds. contg.

2 groups that could participate in nucleophilic displacement reactions with the halogens of the other arom. compd. Thus, $O(C_6H_4NH_2-4)$ ₂ was condensed with $SO_2(C_6H_3(NO_2)_2Cl-3,4)$ ₂ to give a polymer [56899-96-8] with the repeating unit I. A 50 .mu.m film of this polymer exhibited a tensile strength of 10 kg/cm², elongation of 10% and scarcely any wt. loss when heated to 300.degree. at 5.degree./min.

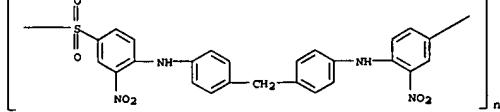
IT 57569-98-9

RL: USES (Uses)

(heat-resistant)

RN 57569-98-9 CAPLUS

CN Poly[mulfonyl(3-nitro-1,4-phenylene)imino-1,4-phenylenemethylene-1,4-phenyleneimino(2-nitro-1,4-phenylene)] (9CI) (CA INDEX NAME)



L4 ANSWER 41 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1975:549953 CAPLUS
 DOCUMENT NUMBER: 83:149953

TITLE: Effect of the structure of the hydrocarbon chain of diphenylamine alkyl derivatives on their antioxidant effectiveness in oils
 AUTHOR(S): Zarubina, I. V.; Rogozhina, T. E.; Kagan, L. Kh.; Borukhova, M. S.; Nikonorov, E. M.; Balashova, K. S.
 CORPORATE SOURCE: Vses. Nauchno-Issled. Inst. Neft. Prom., Moscow, USSR
 SOURCE: Neftepererabotka i Neftekhimiya (Moscow, Russian Federation) (1975), (6), 13-14
 CODEN: NNNSAF; ISSN: 0233-5727

DOCUMENT TYPE: Journal

LANGUAGE: Russian

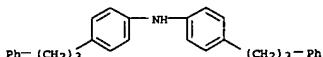
AB The structure and position of the alkyl radical had significant effect on the antioxidant properties of alkylidiphenylamine additive in oil. The introduction of isooalkyl radical in p-position decreased the formation of deposits in oil. The isooalkyl derivative of Ph₂NH were the most efficient antioxidants as >200.degree. as compared with arom., terpenic, n-alkyl, and other derive.

IT 56863-61-7

RL: USES (Uses)
 (lubricating oil antioxidants)

RN 56863-61-7 CAPLUS

CN Benzenamine, 4-[(3-phenylpropyl)-N-[4-(3-phenylpropyl)phenyl]- (9CI) (CA INDEX NAME)



Ph-(CH₂)₃-NH-Ph-(CH₂)₃-Ph

L4 ANSWER 42 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1975:516993 CAPLUS
 DOCUMENT NUMBER: 83:116993

TITLE: Photosensitive material for electrophotography
 INVENTOR(S): Nishide, Katsuhiro; Yamamoto, Teruo; Kinjo, Kikuo
 PATENT ASSIGNEE(S): Canon K. C., Japan
 SOURCE: U.S., 7 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

US 3832172 A 19740827 US 1972-318886 19721227

PRIORITY APPLN. INFO.: US 1972-318886 19721227

GI For diagram(s), see printed CA Issue.

AB Carbazolylmethane dyes (I, R = H, Cl, Eto, Me, NMe₂, MeO; R₁ = Et, Me, NMe₂, MeO; R₄ = R₅ = H or R4R5 = direct bond; X = Cl, 4-MeC₆H₄S0₃, Br₄, Sb(C₆H₅)₄)₂O₄ were prep'd. and used as sensitizers for org. photoconductive materials. Thus, 3-chloro-9-ethylcarbazole [50668-20-7] was treated with HCHO (50-00-0) in HOAc in the presence of H2SO₄ to give 6,6'-dichloro-9,9'-diethyl-3,3'-dicarbazolylmethane [56201-23-1] and its treatment with Pb(C₆H₅)₄ in ClCH₂CH₂Cl gave photosensitizer I (R = R₁ = Cl, R₁ = R₂ = Et, R4R5 = direct bond, X = ClO₄) (50835-42-2); the other I

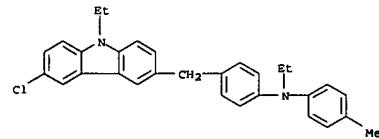
were similarly prep'd.

IT 56201-25-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and reaction with triphenylmethyl perchlorate)

RN 56201-25-3 CAPLUS

CN Benzenamine, 4-[(6-chloro-9-ethyl-9H-carbazol-3-yl)methyl]-N-ethyl-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 43 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1974:440953 CAPLUS

DOCUMENT NUMBER: 81:40953

TITLE: Neighboring group effects of electron-impact-induced fragmentation of acetylated 2,2'-diaminodiphenylmethanes

AUTHOR(S): Eckhardt, G.; Fehlhaber, H. W.; Volk, H.; Welzel, P.
 CORPORATE SOURCE: Org. Chem. Inst., Univ. Bonn, Bonn, Fed. Rep. Ger.
 SOURCE: Organic Mass Spectrometry (1974), 9(1), 68-71
 CODEN: ORMSBG; ISSN: 0030-493X

DOCUMENT TYPE: Journal

LANGUAGE: German

GI For diagram(s), see printed CA Issue.

AB The mono- and bis-acetylated 2,2'-diaminodiphenylmethanes (I, R = H, Ac

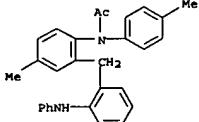
" Ph, Ac; R = Ph, R₁ = Ac) and (II, R = H, Ac) showed strong electron impact-induced elimination of H₂O.

IT 52812-78-9 52812-79-0

RL: PRP (Properties)
 (mass spectrum of)

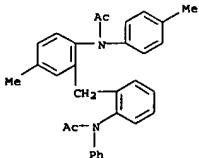
RN 52812-78-9 CAPLUS

CN Acetamide, N-(4-methylphenyl)-N-[4-methyl-2-[(2-(phenylamino)phenyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 52812-79-0 CAPLUS

CN Acetamide, N-[2-[(2-(acetyl(4-methylphenyl)amino)-5-methylphenyl)methyl]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 44 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1973:42982 CAPLUS

DOCUMENT NUMBER: 78:42982

TITLE: Syntheses of flufenamic acid metabolites I and II and other N-arylanthranilic acids

AUTHOR(S): Bowman, R. E.; Brunt, K. D.; Godfrey, K. E.; Kruszynska, L.; Reynolds, A. A.; Thrift, R. I.; Waite.

DOCUMENT TYPE: Journal

LANGUAGE: English

GI For diagram(s), see printed CA Issue.

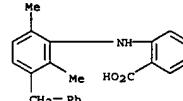
AB (Addnl. data considered in abstracting and indexing are available from a source cited in the original document.) 2,5-Cl(HO)C₆H₃CO₂Et reacted with PhCH₂Cl-NaOEt-^tCOH to give, after hydrolysis, 2,5-Cl(PhCH₂O)C₆H₃CO₂H, which was condensed with n-PicC₆H₄NH₂ in the presence of Cu²⁺ to give 5-(benzoyloxy)-1-(alpha..,alpha..,alpha..-trifluoro-m-tolyl) anthranilic acid (I, R = PhCH₂O, R₁ = H). Hydrogenolysis gave I (R = OH, R₁ = H). 2,5-Cl(O₂N)C₆H₃CF₃ was similarly converted into 2,5-PhCH₂O(O₂N)C₆H₃CF₃; redn. of the NO₂ group and condensation with 2-BrC₆H₄CO₂H gave N-[4-(benzoyloxy)-1-(alpha..,alpha..-trifluoro-m-tolyl) anthranilic acid (I, R = H, R₁ = PhCH₂O) which gave I (R = H, R₁ = OH) on hydrogenolysis. Other N-arylanthranilic acids were prep'd. by similar Cu- or Cu-free-catalyzed condensations.

IT 39189-56-5P 39189-58-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn.)

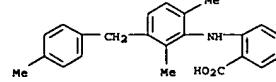
RN 39189-56-5 CAPLUS

CN Benzoic acid, 2-[(2,6-dimethyl-3-(phenylmethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



RN 39189-58-7 CAPLUS

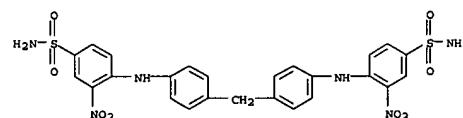
CN Benzoic acid, 2-[(2,6-dimethyl-3-((4-methylphenyl)methyl)phenyl)amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 44 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

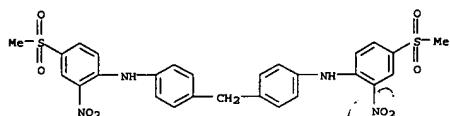
L4 ANSWER 45 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1972-421547 CAPLUS
 DOCUMENT NUMBER: 77:21547
 TITLE: Nitrodiphenylamine disperse dyes
 INVENTOR(S): Stigl, Hans A.
 PATENT ASSIGNEE(S): Toms River Chemical Corp.
 SOURCE: Patentschrift (Switz.), 6 pp.
 CODEN: SWXXAS
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 516627	A	19711215	CH 1969-516627	19690110
			CH 1971-14854	19690110
PRIORITY APPLN. INFO.: AB Four title compds. (I, R = Me, NH ₂ ; O = CH ₂ CH ₂ , p-C ₆ H ₄ , 4-C ₆ H ₄ CH ₂ C ₆ H ₄ -4), useful for dyeing poly(ethylene terephthalate) textile sublimation- and lightfast yellow shades, were prep'd. For example, a mixt. of 4,3-Cl(O ₂ N)C ₆ H ₃ SO ₂ Me, (4-H ₂ NCH ₂) ₂ CH ₂ , anhyd. NaOAc, and 95% EtOH was heated 24 hr at 130 deg. to give a nitro dye (I, R = Me, Q = 4-C ₆ H ₄ CH ₂ C ₆ H ₄ -4) (35081-54-0). The other I were prep'd. similarly.				
IT 24304-10-7P	35081-54-0P			
RL: IMP (Industrial manufacture); PREP (Preparation) (prep'n of)				
RN 24304-10-7	CAPLUS			
CN Benzenesulfonamide, 4,4'-(methylenebis(4,1-phenyleneimino))bis[3-nitro- (9CI)] (CA INDEX NAME)				



RN 35081-54-0 CAPLUS
 CN Benzenesulfonamide, 4,4'-(methylenebis[N-(4-(methylsulfonyl)-2-nitrophenyl)- (9CI)]) (CA INDEX NAME)

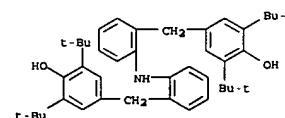
L4 ANSWER 45 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



L4 ANSWER 46 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1972-88268 CAPLUS
 DOCUMENT NUMBER: 76:88268
 TITLE: 3,5-Di-tert-butyl-4-hydroxybenzyl-substituted arylamine antioxidants for lubricating oils
 INVENTOR(S): Werzner, William F.; Miller, James Richard
 PATENT ASSIGNEE(S): Shell Internationale Research Maatschappij N. V.
 SOURCE: Ger. Offen., 15 pp.
 CODEN: GWXXBK
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2135243	A	19720120	DE 1971-2135243	19710714
US 3673091	A	19720627	US 1970-55607	19700716
FR 2101649	AS	19720331	FR 1971-25644	19710713
GB 1358403	A	19740703	GB 1971-33067	19710714
CA 958019	A1	19741119	CA 1971-118227	19710714
US 3822284	A	19740702	US 1972-263013	19720615
PRIORITY APPLN. INFO.: US 1970-55607 19700716				
AB An alkylated carbazole (I), Ph ₂ NH, (p-C ₆ H ₄ CH ₂ H ₄) ₂ NH, and phenyl-alpha-naphthylamine were prep'd. by reaction of 4,3,5-HO-(tert-Bu) ₂ C ₆ H ₂ OH (II) and the parent compd. in HOAc contg. catalytic H ₂ SO ₄ and used in 1% amts. as antioxidants in lubricating oils. Thus, 0.1 mole II in HOAc was added within 10 hr to 0.1 mole I in HOAc contg. 0.1% molar concn. H ₂ SO ₄ . Reaction for 3 hr at 30.5 degree. and 48 hr at approx. 20 degree. gave (3,5-di-tert-butyl-4-hydroxybenzyl)carbazole (III, mixt. of 1- and 3-isomer). Lubricating oil contg. 50 vol. % HVI neutral oil, 50 vol. % HVI 250 neutral oil, 0.04 wt. % C22-alkylated succinic acid, and 1 wt. % III had 126 hr until 1 mmole O uptake/g oil in a micro air oxidn. test (149.degrees., 4.2 l. air/hr, 0.002% Fe Cu naphthenate oxidn. catalyst) as compared with 1.4 hr for oil without				

III.
 IT 35978-05-9
 RL: USES (Uses)
 (antioxidants, for lubricating oils)
 RN 35978-05-9 CAPLUS
 CN Phenol, 4,4'-(iminobis(2,1-phenyleneimine))bis[2,6-bis(1,1-dimethylethyl)- (9CI)] (CA INDEX NAME)



L4 ANSWER 47 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1970-45007 CAPLUS
 DOCUMENT NUMBER: 72-45007
 TITLE: Nitro disperse dyes
 INVENTOR(S): Stengl, Alfred
 PATENT ASSIGNEE(S): Tome River Chemical Corp.
 SOURCE: Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1901499	A	19690828	DE 1969-1901499	19690114
US 3537811	A	19701103	US 1968-698142	19680116
FR 1601808	A	19700914	FR 1968-1601808	19681226
BB 72666	A	19690616	BE 1969-726668	19690109
CH 69305	A4	19720229	CH 1969-30969	19690110
CH 52013	A	19720615	CH 1969-524013	19690110
GB 1223403	A	19710224	GB 1969-1223403	19690114
CS 150237	P	19730904	CS 1969-390	19690116

PRIORITY APPLN. INFO.: US 1968-698142 19680116

GI For diagram(s), see printed CA Issue.

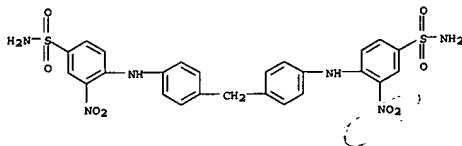
AB A mixt. of 47 g 3,4-O2N(Cl)-C6H3SO2Me, 20 g (4-N2NC6H4)2CH2, 50 g NaOAc, and 650 g 95% EtOH was stirred at 130.degree. for 24 hr to gi ve 52 g I

[X] = 4-C6H4CH2C6H4-4 (I), R = Me, a yellow powder which dyed poly(ethylene terephthalate) fibers (II) yellow shades fast to light and sublimation. Similarly, the following I were prep'd. (X, R, and shade on II given): Q, N2, yellow; m-C6H4, Me, yellow; CH2CH2, Me, greenish yellow.

IT 24304-10-7P
 RL: IMP (Industrial manufacture), PREP (Preparation)
 (prep'n of)

RN 24304-10-7 CAPLUS

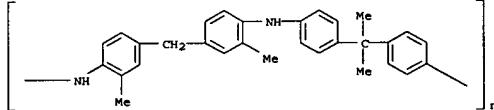
CN Benzenesulfonamide, 4,4'-(methylenebis(4,1-phenyleneimino))bis[3-nitro-(9Cl) (CA INDEX NAME)



L4 ANSWER 48 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

RN 28704-65-6 CAPLUS

CN Poly[imino-p-phenyleneisopropylidene-p-phenyleneimino(2-methyl-p-phenylene)methylene(3-methyl-p-phenylene)] (8CI) (CA INDEX NAME)



L4 ANSWER 48 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1969:106954 CAPLUS

DOCUMENT NUMBER: 70:106954
 TITLE: Effect of various atom groups on the properties of polyphenylenimines and polydiphenylenimines
 AUTHOR(S): Balakireva, R. S.; Nikitina, V. I.; Zgadzai, E. A.; Kuznetsov, E. V.
 CORPORATE SOURCE: Kazan. Khim.-Tekhnol. Inst. im. Kirova, Kazan, USSR
 SOURCE: Vyssokomolekulyarnye Soedineniya, Seriya B: Kratkie Soobshcheniya (1969), 11(2), 91-5
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian

AB A series of the title polymers (I) was synthesized by the method of V. I. Nikitina (1964). All the I gave E.P.R. signals at room or at 110°. The following properties of I are reported (polymer unit, m.p., % yield, wt. loss on heating at 400.degree. for 1 hr. in the air, viscosity of soln. in HCONMe2, elec. resistance at 25.degree. in ohm-1 cm.-1 given) (all the benzene rings are linked in the para position): HNC6H4CH2C6H4NHNC6H4, >500.degree., 45, 4.6, -, 6.31 .times. 10-13; HNC6H4CH2C6H4NHNC6H4, >500.degree., 45, 4.6, -, 6.31 .times. 10-13; HNC6H4CH2C6H4NHNC6H4C6H4, >500.degree., 55, 3.5, -, 1.77 .times.

10-13; HNC6H4CH2C6H4NHNC6H4CMe2C6H4, 170.degree., 40, -, 1.00 .times. 10-12; HN(2-Me)C6H3CH2C6H3(Me-2)NHNC6H4, 500.degree., 52, 4.9, -, 3.5 .times. 10-13; HN(2-Me)C6H3CH2C6H3(Me-2)NHNC6H4CMe2C6H4, 190-220.degree., 44, -, 1.78 .times. 10-13; HNC6H4SO2C6H4NHNC6H4, >500.degree., 85, 5.3, 0.36 .times. 10-10; HNC6H4SO2C6H4NHNC6H4C6H4, 500.degree., 60, 4.8, 0.15, 0.00 .times. 10-11; HNC6H4SO2C6H4NHNC6H4CMe2C6H4, 200-200.degree.,

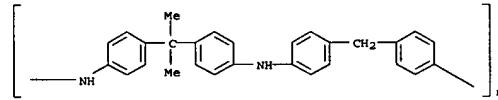
52, -, 0.03, 2.97 .times. 10-13; HNC6H4C6H4NHNC6H4CRC6H4 (I is phthalidylene), >500.degree., 71, 9.5, 0.14, 0.14 .times. 10-9; HNC6H4NHNC6H4CRC6H4, >500.degree., 52, 11.6, -, 0.26 .times. 10-9; HNR1NHNC6H4 (R1 is 2,7-fluorophenyl), >500.degree., 67, -, 0.25, 0.40 .times. 10-12; N(2-Me)C6H3C6H3(O-Me2)NHNC6H4, >500.degree., 55, -, -, 0.40 .times.

10-11; [REDACTED]

IT 28704-62-3 28704-65-6
 RL: PRP (Properties)
 (properties of)

RN 28704-62-3 CAPLUS

CN Poly(imino-p-phenyleneisopropylidene-p-phenyleneimino-p-phenyleneimethylene-p-phenylene) (8CI) (CA INDEX NAME)



L4 ANSWER 49 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1965:479759 CAPLUS

DOCUMENT NUMBER: 63:79759
 ORIGINAL REFERENCE NO.: 63:14621b
 TITLE: Oxidation inhibitors for lubricants
 PATENT ASSIGNEE(S): Distillers Co. Ltd.
 SOURCE: 10 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable

FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

NL 6413600 GB 19631207

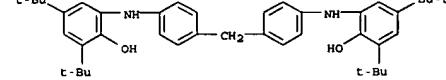
PRIORITY APPLN. INFO.: NL 19650608 NL
 AB Lubricants exhibited increased oxidn. resistance upon addn. of 0.5% of 2-hydroxyphenylamine derive. (I). Particularly effective I are 3,5-di-tert-butyl-2-hydroxy-4'-methyl diphenylamine, 3,5-di-tert-butyl-2-hydroxy-4'-chlorodiphenylamine, 3,5-di-tert-butyl-2-hydroxy-4'-ethoxydiphenylamine, and N,N'-bis(3,5-di-tert-butyl-2-hydroxyphenyl)-o-phenylenediamine.

IT 4810-25-7, Phenol, 2,2'-(methylenebis(p-phenyleneimino))bis[4,6-di-tert-butyl-

-tert-butyl-
 (as lubricant antioxidant)

RN 4810-25-7 CAPLUS

CN Phenol, 2,2'-(methylenebis(p-phenyleneimino))bis[4,6-di-tert-butyl- (7CI, 8CI) (CA INDEX NAME)



L4 ANSWER 50 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1963:30598 CAPLUS

DOCUMENT NUMBER: 58:30598

ORIGINAL REFERENCE NO.: 58:5138c-d

TITLE: Magnetic susceptibility of the inner complex
compoundsof bivalent copper, nickel, or cobalt with Mannich
bases

AUTHOR(S): Tsvilina, E. P.; Zelentsov, V. V.; Savich, I. A.

Bylina, S. A.; Bydokimov, V. B.

CORPORATE SOURCE: M. V. Lomonosov State Univ., Moscow

SOURCE: Zhurnal Fizicheskoi Khimii (1961), 35, 960-2

CODEN: ZFKHA9; ISSN: 0044-4537

DOCUMENT TYPE:

Journal

LANGUAGE: Unavailable

AB The magnetic susceptibilities of complex compds. of Cu⁺⁺, Ni⁺⁺, and Co⁺⁺
with the derivs. of 8-quinolinol (Mannich bases) (CA 57, 3411e) detd. by
the Faraday method (CA 53, 7911) were tabulated. On the basis of the

data some conclusions were made as to the stereochemistry of these compds.

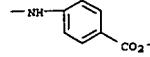
The Cu. compds. had a planar structure. For Co and Ni the data indicate a
tetrahedral coordination.IT 108754-93-4, Nickel, bis[hydrogen p-[.alpha.- (8-hydroxy-7-
quinolyl)toluidino]benzoato]-
(neopen of)

RN 108754-93-4 CAPLUS

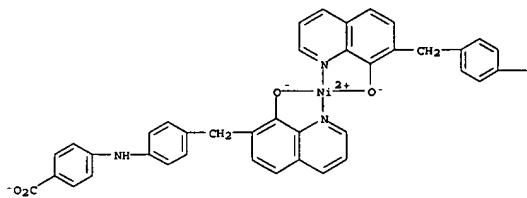
CN Nickel, bis[hydrogen
p-[.alpha.- (8-hydroxy-7-quinolyl)toluidino]benzoato]-
(7CI) (CA INDEX NAME)

L4 ANSWER 50 OF 50 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

PAGE 1-B



PAGE 1-A

●2 H⁺

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Page 40

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L5 1 L4 AND ALZHEIMER?

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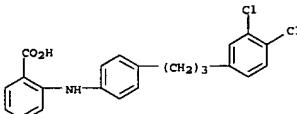
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2000-900433 CAPLUS
 DOCUMENT NUMBER: 134-56480
 TITLE: Method of inhibiting amyloid protein aggregation, treating Alzheimer's disease, and imaging amyloid deposits using
 ((phenylalkyl)phenyl)aminobenzene
 zoxic acids and analogs
 INVENTOR(S): Augelli-Szafran, Corinne Elizabeth; Barvian, Mark Robert; Bigge, Christopher Franklin; Glase, Shelly Ann; Hachiya, Shunichiro; Keily, John Steven; Kimura, Takenori; Lei, Yingjie; Sakkab, Annette Theresa;
 Suto, Mark James; Walker, Lary Craswell; Yasunaga, Tomoyuki; Zhuang, Nian
 PATENT ASSIGNEE(S): Warner-Lambert Company, USA; Yamanouchi Pharmaceutical Company, Ltd.; et al.
 SOURCE: PCT Int. Appl., 135 pp.
 CODEN: PIXKD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000076489	A2	20001221	WO 2000-US15071	20000531
WO 2000076489	A3	20020530		
W: AE, AG, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, US, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SP, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000011728	A	20020226	BR 2000-11728	20000531
EP 122586	A2	20020731	EP 2000-939471	20000531
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003504310	T2	20030204	JP 2001-502823	20000531
EE 20010673	A	20030217	EE 2001-673	20000531
NO 2001005995	A	20020204	NO 2001-5995	20011207
BG 106293	A	20020628	BG 2002-106293	20020109

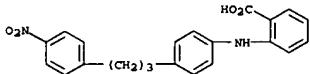
PRIORITY APPLN. INFO.: US 1999-138550 P 19990610
 WO 2000-US15071 W 20000531

OTHER SOURCE(S): MARPAT 134:56480

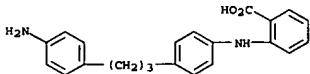
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 RN 313675-05-7 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



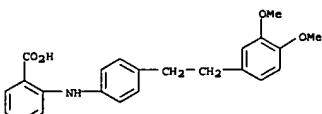
RN 313675-61-5 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(4-nitrophenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313675-63-7 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(4-aminophenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



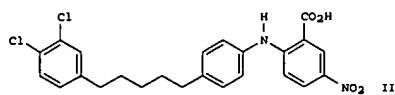
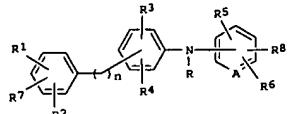
RN 313675-4B-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dimethoxyphenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313676-64-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4,5-trimethoxyphenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

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LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



AB The invention provides a method of treating Alzheimer's disease using compds. I and their pharmaceutically acceptable salts (wherein: R = H, alkyl, alkanoyl; n = 0-5; R1-R7 = H, halo, OH, (un)substituted NH2 or cyclic amino, CO2H or derivs., NO2, alkoxy, CF3, cyano, (un)substituted OPH, etc.; or R1R2 = OCH2O; R8 = CO2H, tetracycl, SO2R9, CONHO2R9; R9 = H, alkyl, CF3, or Ph; A = CH or NJ). Also provided is a method of inhibiting the aggregation of amyloid proteins using I, and a method of imaging amyloid deposits, as well as new compds. Claims further include pharmaceutical formulations contg. I. Examples include 163 synthetic examples and 4 bioassays. For instance, title compd. II was prep'd. by a sequence of: (1) reaction of 4-(bromomethyl)-1,2-dichlorobenzene with

PPh3 to give a bromophosphorane (i.e., phosphonium salt) (78%); (2) Swern oxidation of 4-(4-nitroporphyrin)butan-1-ol to the aldehyde (65%); (3) Wittig reaction of the above 2 products to give an alkene (99%); (4) hydrogenation of the alkene and nitro functions (46%); and (5) lithiation and coupling of the amine with 2-fluoro-5-nitrobenzoic acid (75%). In an assay for inhibition of the growth of amyloid fibril formation, II had an IC50 of 0.9 μM. A combinatorial methodol. for prepn. of I is also described.

IT 113675-05-72: 2-[(4-[3-(3,4-Dichlorophenyl)propyl]phenyl)amino]benzoic acid 313675-61-5P, 2-[(4-[3-(4-Nitrophenyl)propyl]phenyl)amino]benzoic acid 313675-63-7P,

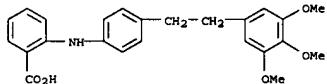
2-[(4-[3-(4-Aminophenyl)propyl]phenyl)amino]benzoic acid 313676-48-1P, 2-[(4-[2-(3,4-Dimethoxyphenyl)ethyl]phenyl)amino]benzoic acid 313676-64-1P, 2-[(4-[2-(3,4-

Trimethoxyphenyl)ethyl]phenyl)amino]benzoic acid

PL: BAC (Biological activity or effector, except adverse); BUU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate; prepn. and use of [(phenylalkyl)phenyl]amino]benzoic acids and analogs as amyloid protein aggregation inhibitors)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



IT 313674-97-4P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]benzoic acid 313675-99-5P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid 313675-00-2P, 2-[(4-[2-(3,4-Dihydroxyphenyl)ethyl]phenyl)amino]benzoic acid 313675-01-3P, 2-[(4-[2-(4-Diethylaminophenyl)ethyl]phenyl)amino]benzoic acid 313675-02-4P, 2-[(4-[2-(3,4,5-Trihydroxyphenyl)ethyl]phenyl)amino]benzoic acid 313675-03-5P, 2-[(4-[3-(4-Dichlorophenyl)amino]3-methoxy-5-nitrobenzoic acid 313675-04-6P, 2-[(4-[3-(4-Dichlorophenyl)propyl]phenyl)amino]-4-imidazol-1-yl-5-nitrobenzoic acid 313675-06-8P, 2-[(4-[3-(4-Dichlorophenyl)butyl]phenyl)amino]benzoic acid 313675-07-9P, 2-[(4-[3-(4-Dichlorophenyl)butyl]phenyl)amino]-5-nitrobenzoic acid 313675-08-0P, 2-[(4-[3-(4-Dichlorophenyl)ethyl]phenyl)amino]benzoic acid 313675-09-1P, 2-[(4-[5-(3,4-Dichlorophenyl)pentyl]phenyl)amino]-5-nitrobenzoic acid 313675-10-2P, 2-[(4-[5-(3,4-Dichlorophenyl)pentyl]phenyl)amino]-4-methoxy-5-nitrobenzoic acid 313675-11-5P, 2-[(4-[5-(3,4-Dichlorophenyl)pentyl]phenyl)amino]benzoic acid 313675-12-6P, 2-[(4-[2-(3,4-Dimethylphenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid 313675-13-7P, 2-[(4-[2-(3,4-Difluorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid 313675-14-8P, 2-[(4-[2-(4-Chloro-3-trifluoromethylphenyl)ethyl]phenyl)amino]benzoic acid 313675-15-9P, 2-[(4-[2-Biphenyl-4-ylethyl]phenyl)amino]-5-nitrobenzoic acid 313675-16-0P, 2-[(4-[2-(4-Phenethylphenyl)amino]benzoic acid 313675-17-1P, 2-[(4-[2-(4-Phenethylphenyl)amino]benzoic acid 313675-18-2P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-methoxybenzoic acid 313675-19-3P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-6-fluorobenzoic acid 313675-20-6P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-3-nitrobenzoic acid 313675-21-7P, 4-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]isopthalic acid 313675-22-8P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-methanesulfonfylbenzoic acid 313675-23-9P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-methanesulfonfylbenzoic acid 313675-24-0P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-6-nitrobenzoic acid 313675-25-1P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-4-nitrobenzoic acid 313675-26-2P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-3-nitrobenzoic acid 313675-27-3P, 5-Cyano-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]isocapric acid 313675-28-4P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-4,6-difluorobenzoic acid 313675-29-5P, 6-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-2,3-difluorobenzoic acid 313675-30-6P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-6-fluorobenzoic acid 313675-31-7P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-3-fluorobenzoic acid 313675-32-8P, 2-[(4-[2-(3,4-

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ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)
Dichlorophenyl)ethylphenyl]amino-3-methylbenzoic acid
313675-31-3P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl]amino)-4-fluorobenzoic acid 313675-34-2P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl]amino-3,5-difluorobenzoic acid
313675-35-3P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl]amino-3-trifluoromethylbenzoic acid 313675-36-4P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl]amino-6-trifluoromethylbenzoic acid
313675-37-5P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl)amino]-5-trifluoromethylbenzoic acid 313675-38-6P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl)amino-5-pyrrol-1-ylbenzoic acid
313675-39-7P, 2-[4-(2-[4-Benzoyloxyphenyl)ethyl]phenyl]amino]benzoic acid 313675-40-0P, 2-[4-(2-[4-(3-Dimethylaminopropoxy)phenyl]ethyl)phenyl]amino]benzoic acid
313675-41-1P, 2-[4-(2-[4-(Diethylaminophenyl)ethyl]phenyl]amino]benzoic acid 313675-42-2P, 2-[4-(2-[4-Phenoxyphenyl)ethyl]phenyl]amino]benzoic acid 313675-43-3P,
2-[4-(2-[4-Octyloxyphenyl)ethyl]phenyl]amino]benzoic acid 313675-44-4P, 2-[4-[2-[4-Ethoxy-1-(ethoxymethyl)ethyl]phenyl]ethyl]phenyl]amino]benzoic acid
313675-45-5P, 2-[4-[2-[4-(Pyrazol-1-ylphenyl)ethyl]phenyl]amino]benzoic acid 313675-46-6P, 2-[4-(2-[4-Styrylphenyl)ethyl]phenyl]amino]benzoic acid 313675-47-7P,
2-[4-(2-[4-Ethylbiphenyl-4-yl]ethyl]phenyl]amino]benzoic acid 313675-48-8P, 2-[4-(2-[4-Octyloxyphenyl)ethyl]phenyl]amino]benzoic acid
313675-49-9P, 2-[4-(2-[3-(5-Dichlorophenoxy)phenyl]ethyl)phenyl]amino]benzoic acid
313675-50-2P, 2-[4-(2-[4-(2-Chloro-6-fluorobenzyloxy)phenyl]ethyl)phenyl]amino]benzoic acid
313675-51-3P, 2-[4-(2-[4-Pyrazol-1-ylphenyl)ethyl]phenyl]amino]benzoic acid 313675-52-4P, 2-[4-(2-[4-Diphenylaminophenyl)ethyl]phenyl]amino]benzoic acid 313675-53-5P,
2-[4-(2-[4-(3,4-Dichlorobenzyloxy)phenyl]ethyl)phenyl]amino]benzoic acid 313675-54-6P, 2-[4-(2-[3-(4-Dichlorophenyl)ethyl]phenyl)amino]-5-aminobenzoic acid
313675-56-8P, 2-[4-(2-[4-(3,4-Dichlorophenyl)propyl]phenyl)amino]-5-nitrobenzoic acid
313675-60-4P, 2-[4-(3-[4-(Diethylaminophenyl)propyl]phenyl)amino]benzoic acid 313675-62-6P, 2-[4-(3-[3-Nitrophenyl)propyl]phenyl]amino]benzoic acid 313675-64-8P,
2-[4-(3-[3-Aminophenyl)propyl]phenyl]amino]benzoic acid 313675-65-9P, 2-[4-(2-[4-(3-Aminophenyl)ethyl]phenyl)amino]benzoic acid
313675-66-0P, 2-[4-(2-[4-Dipropylaminophenyl)ethyl]phenyl]amino]benzoic acid 313675-67-1P, 2-[4-(2-[4-Diethylaminophenyl)ethyl]phenyl]amino]benzoic acid
monohydrochloride monohydrate 313675-68-2P, 2-[4-(3-[3-Dipropylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-69-3P,
2-[4-(3-[3-Dimethylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-70-6P, 2-[4-(3-[4-Ethylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-71-7P, 2-[N-[4-(3-[4-Diethylaminophenyl)propyl]phenyl]-N-ethylamino]benzoic acid
313675-72-8P, 2-[4-(2-[3-(Dibenzylamino)phenyl]ethyl)phenyl]amino]benzoic acid 313675-73-9P, 2-[4-(3-[3-Diethylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-74-0P,
2-[4-(2-[3-Aminophenyl)ethyl]phenyl]amino]benzoic acid 313675-75-1P, 2-[4-(3-[4-Dimethylaminophenyl)propyl]phenyl]amino]benzoic acid
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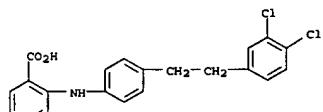
ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)

1 - nitrobenzoic acid 313676-30-1P, 3- [(4- [2- (3-Chloro-4-methylphenyl)ethyl]phenyl)amino]benzoic acid 313676-31-2P,
 5- [(4- [2- (3-Chloro-4-methylphenyl)ethyl]phenyl)amino]isophthalic acid 313676-33-3P, 2- [(4- [2- (3-Chloro-4-methylphenyl)ethyl]phenyl)amino]benzoic acid
 313676-33-3P, 2- [(4- [2- (3-Chloro-4-methylphenyl)ethyl]phenyl)amino]benzoic acid 313676-33-4P, 4- [(4- [2- (4-(4S)-8R)-Octahydroisoquinolin-2-yl)phenyl]ethyl)phenyl]amino]benzoic acid 313676-34-5P, 2- [(4- [3- (4-Diethylaminophenyl)propyl]phenyl)amino]-5-methoxybenzoic acid 313676-35-6P, 2- [(4- [2- (3-Methoxybenzyl)ethyl]phenyl)amino]benzoic acid 313676-36-7P,
 2- [(4- [2- (3-Bromophenyl)ethyl]phenyl)amino]benzoic acid 313676-37-8P, 2- [(4- [2- (3-Fluorophenyl)ethyl]phenyl)amino]benzoic acid 313676-39-0P, 2- [(4- [2- (3-Fluoro-4-methylphenyl)ethyl]phenyl)amino]benzoic acid 313676-40-3P,
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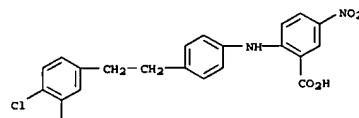
4- [(4- [3- (3-4-Dichlorophenyl)propyl]phenyl)amino]-2-methoxy-5-nitrobenzoic acid 313676-69-6P, 2- [(4- [3- (3-4-Dichlorophenyl)propyl]phenyl)amino]-5-fluorobenzoic acid 313676-70-1P, 5- Amino-2- [(4- [5- (3-4-dichlorophenyl)pentyl]phenyl)amino]benzoic acid 313676-71-2P, N- [2- [(4- [3- (3-4-Dichlorophenyl)propyl]phenyl)amino]benzoyl]C-C-C-trifluoromethanesulfonamide 313676-72-1P, N- [2- [(4- [3- (3-4-Dichlorophenyl)propyl]phenyl)amino]benzoyl]benzenesulfonamide 313676-73-2P, 2- [(4- [2- (3-4-Dichlorophenyl)ethyl]phenyl)amino]-4-trifluoromethylbenzoic acid 313676-74-3P, 2- [(4- [2- (3-4-Dichlorophenyl)ethyl]phenyl)methylethylamino]-5-dimethylaminobenzoic acid 313676-75-4P, 2- [(4- [2- (3-4-Dichlorophenyl)ethyl]phenyl)methylethylamino]benzoic acid 313676-76-5P, 2- [(4- [2- (3-4-Dichlorophenyl)ethyl]phenyl)amino]-5-dipropylaminobenzoic acid 313676-77-6P, 5-Dibutylamino-2- [(4- [2- (3-4-

ANSWER TO 1 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)
 Acetylaminophenyl)ethylphenyl]amino]benzoic acid 313675-77-3P,
 2-[(4-[(3-Acetylaminophenyl)ethylphenyl]amino]benzoic acid
 313675-78-4P, 2-[(4-[(2-Dipropylaminophenyl)ethylphenyl]amino]benzoic acid
 monohydrochloride 313675-79-5P, 2-[(4-[2-(3-Dibutylaminophenyl)ethylphenyl]amino]benzoic acid monohydrochloride
 313675-80-6P, 2-[(4-[(3-Acetylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-81-9P, 2-[(4-[(3-Acetylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-82-0P,
 2-[(4-[(2-3-Diethylaminophenyl)ethyl]phenyl]amino]benzoic acid monohydrochloride 313675-83-1P, 2-[(4-[(2-Piperidin-1-ylphenyl)ethyl]phenyl]amino]benzoic acid monohydrochloride 313675-84-2P, 2-[(4-[(4-Dipropylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-85-5P
 , 2-[(4-[(3-Dibutylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-86-4P, 2-[(4-[(3-4-Dibutylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-87-5P
 , 2-[(4-[(3-4-Dibutylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-88-7P, 2-[(4-[(4-1H-Pyrrol-1-yl)phenyl]propyl]phenyl]amino]benzoic acid 313675-91-1P,
 2-[(4-[(4-Piperidin-1-ylphenyl)propyl]phenyl]amino]benzoic acid 313675-92-2P, 2-[(4-[(4-Diethylcarbamoyl)phenyl]propyl]propyl]phenyl]amino]benzoic acid 313675-93-3P, 2-[(4-[(4-Carboxyphenyl)propyl]phenyl]amino]benzoic acid 313675-94-4P,
 2-[(4-[(3-4-[(Diethylamino)methyl]phenyl)propyl]phenyl]amino]benzoic acid 313675-95-5P, 2-[(4-[(3-4-Propylaminophenyl)propyl]phenyl]amino]benzoic acid 313675-96-6P,
 2-[(4-[(3-4-Pyrrolidin-1-ylphenyl)propyl]phenyl]amino]benzoic acid 313675-97-7P,
 2-[(4-[(3-4-Piperidin-1-ylphenyl)propyl]phenyl]amino]benzoic acid 313675-98-8P, 2-[(4-[(3-3-Piperidin-1-ylphenyl)propyl]phenyl]amino]benzoic acid 313676-03-8P,
 2-[(4-[(3-4-Dichlorophenyl)propyl]phenyl]amino]-5-methylbenzoic acid 313676-09-9P, N-[(4-[(3-4-Dichlorophenyl)propyl]phenyl)amino]benzoylmethanesulfonamide 313676-05-0P, 2-[(4-[(2-Chloro-3-trifluoromethyl)phenyl]ethyl]phenyl]amino]benzoic acid 313676-06-1P, 2-[(4-[(2-(4-Fluoro-3-trifluoromethyl)phenyl)ethyl]phe-
 ny]amino]benzoic acid 313676-07-2P, 4-[(2-[3-(4-Dichlorophenyl)ethyl]phenyl)]2-(1H-tetrazol-5-yl)phenyl]amine 313676-08-3P, 2-[(4-[(2-[4-Fluoro-3-trifluoromethyl)phenyl]ethyl]phe-
 ny]amino]benzoic acid 313676-09-4P,
 2-[(4-[(2-3-(4-Dichlorophenyl)ethyl]phenyl]amino]5-fluorobenzoic acid 313676-11-8P, 2-[(4-[(2-3-Chlorophenyl)ethyl]phenyl]amino]5-nitrobenzoic acid
 313676-12-9P, 2-[(4-[(2-4-Chlorophenyl)ethyl]phenyl]amino]5-nitrobenzoic acid 313676-13-0P,
 2-[(4-[(2-Chlorophenyl)ethyl]phenyl]amino]5-nitrobenzoic acid 313676-14-1P, 2-[(4-[(2-4-Dichlorophenyl)ethyl]phenyl]amino]5-nitrobenzoic acid 313676-15-2P, 2-[(4-[(2-Dibutylaminophenyl)ethyl]phenyl]amino]5-nitrobenzoic acid 313676-16-3P, 2-[(4-[(3-4-Dichlorophenyl)ethyl]phenyl]amino]5-dimethylaminobenzoic acid 313676-17-4P, 2-[(4-[(2-3-Dichlorophenyl)ethyl]phenyl]amino]5-octahydroisoquinolin-2-ylphenyl]amino]benzoic acid 313676-18-5P,
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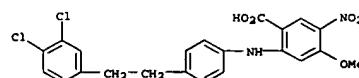
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 dichlorophenyl)ethylphenyl]amino]benzoic acid 331676-78-7P,
 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-diethylaminobenzoic
 acid 331676-79-8P, 2,2'-[1,2-Ethanediylbis(4,1-
 phenyleneimino)]bisbenzoic acid
 RL: BAC (Biological activity or effector, except adverse); BSU
 (Biological
 study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
 BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug candidate; prepn. and use of [(phenylalkyl)phenyl]amino]benzoic
 acid and analogs as amyloid protein aggregation inhibitors)
 RN 331674-97-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]- (9CI)
 (CA INDEX NAME)



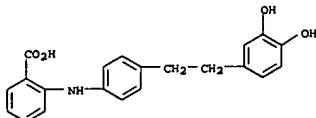
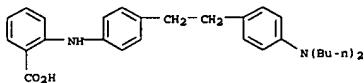
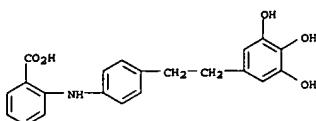
RN 313674-98-5 CAPLUS
CN Benzoic acid, 2-[4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino]-5-nitro-
(acetyl) (CA INDEX NAME)



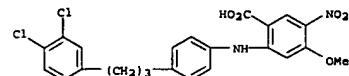
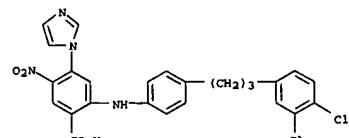
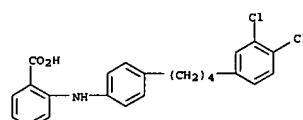
RN 313674-99-6 CAPLUS
CN Benzoic acid,
2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino]-4-methoxy-5-nitro (SCI) (CA INDEX NAME)



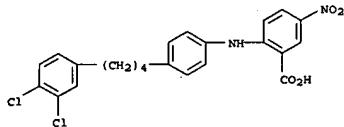
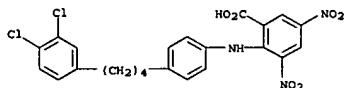
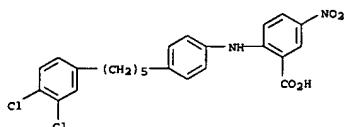
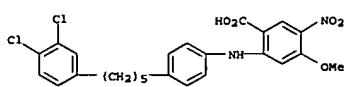
RN 313675-00-2 CAPLUS
CN Benzoic acid, 2-[4-[2-(3,4-dihydroxyphenyl)ethyl]phenyl]amino]- (9CI)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
(CA INDEX NAME)RN 313675-01-3 CAPLUS
CN Benzoic acid, 2-[(4-[2-(4-(dibutylamino)phenyl)ethyl]phenyl]amino)- (9CI)
(CA INDEX NAME)RN 313675-02-4 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4,5-trihydroxyphenyl)ethyl]phenyl]amino)- (9CI)
(CA INDEX NAME)RN 313675-03-5 CAPLUS
CN Benzoic acid,
2-[(4-[2-(3,4-dichlorophenyl)propyl]phenyl]amino)-4-methoxy-
5-nitro- (9CI) (CA INDEX NAME)

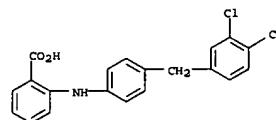
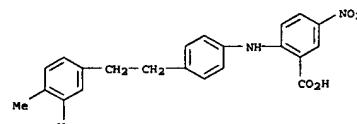
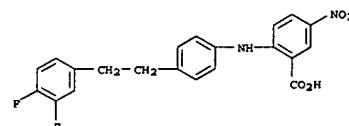
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

RN 313675-04-6 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)butyl]phenyl]amino)-4-(1H-imidazol-1-yl)-5-nitro- (9CI) (CA INDEX NAME)RN 313675-06-8 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)butyl]phenyl]amino)- (9CI)
(CA INDEX NAME)RN 313675-07-9 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)butyl]phenyl]amino)-5-nitro-
(9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

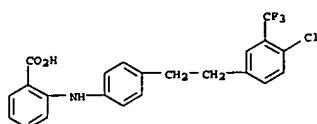
RN 313675-08-0 CAPLUS
CN Benzoic acid,
2-[(4-[2-(3,4-dichlorophenyl)butyl]phenyl]amino)-3,5-dinitro-
(9CI) (CA INDEX NAME)RN 313675-09-1 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)pentyl]phenyl]amino)-5-nitro-
(9CI) (CA INDEX NAME)RN 313675-10-4 CAPLUS
CN Benzoic acid,
2-[(4-[2-(3,4-dichlorophenyl)pentyl]phenyl]amino)-4-methoxy-
5-nitro- (9CI) (CA INDEX NAME)RN 313675-11-5 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)methyl]phenyl]amino)- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

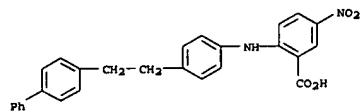
RN 313675-12-6 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dimethylphenyl)ethyl]phenyl]amino)-5-nitro-
(9CI) (CA INDEX NAME)RN 313675-13-7 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-difluorophenyl)ethyl]phenyl]amino)-5-nitro-
(9CI) (CA INDEX NAME)RN 313675-14-8 CAPLUS
CN Benzoic acid,
2-[(4-[2-(4-chloro-3-(trifluoromethyl)phenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

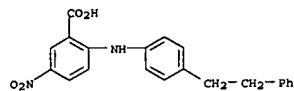
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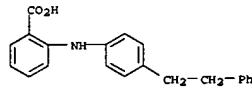
RN 313675-15-9 CAPLUS
CN Benzoic acid, 2-[(4-(2-[1,1'-biphenyl]-4-ylethyl)phenyl]amino)-5-nitro-
(9CI) (CA INDEX NAME)



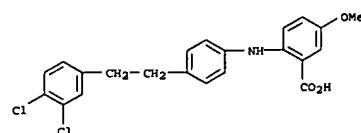
RN 313675-16-0 CAPLUS
CN Benzoic acid, 5-nitro-2-[(4-(2-phenylethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



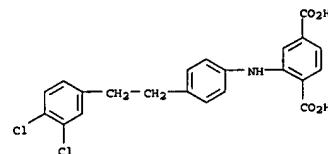
RN 313675-17-1 CAPLUS
CN Benzoic acid, 2-[(4-(2-phenylethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



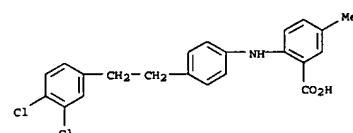
RN 313675-18-2 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-5-methoxy-

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
(9CI) (CA INDEX NAME)

RN 313675-19-3 CAPLUS
CN 1,4-Benzenedicarboxylic acid,
2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

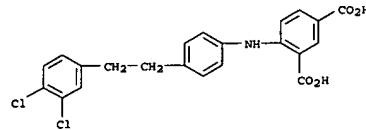


RN 313675-20-6 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-5-methyl-
(9CI) (CA INDEX NAME)

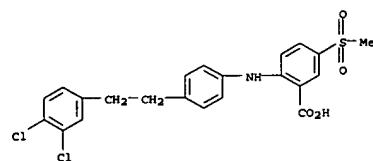


RN 313675-21-7 CAPLUS
CN 1,3-Benzenedicarboxylic acid,
4-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



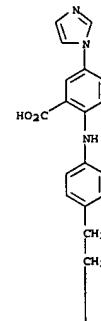
RN 313675-22-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-5-(methylsulfonyl)- (9CI) (CA INDEX NAME)



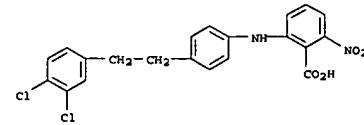
RN 313675-23-9 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-5-(1H-imidazol-1-yl)- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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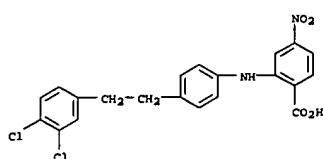
RN 313675-24-0 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-6-nitro-
(9CI) (CA INDEX NAME)



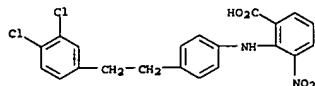
RN 313675-25-1 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl]amino)-4-nitro-

10/21/2003

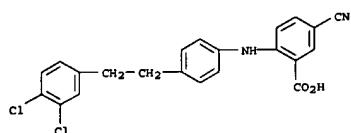
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
(9CI) (CA INDEX NAME)



RN 313675-26-2 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-nitro-
(9CI) (CA INDEX NAME)

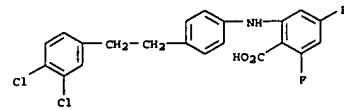


RN 313675-27-3 CAPLUS
CN Benzoic acid, 5-cyano-2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-
(9CI) (CA INDEX NAME)

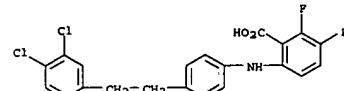


RN 313675-28-4 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-4,6-difluoro-
(9CI) (CA INDEX NAME)

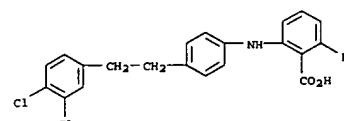
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



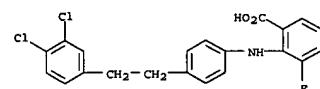
RN 313675-29-5 CAPLUS
CN Benzoic acid, 6-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-2,3-difluoro-
(9CI) (CA INDEX NAME)



RN 313675-30-8 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-6-fluoro-
(9CI) (CA INDEX NAME)

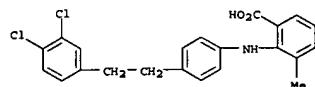


RN 313675-31-9 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-fluoro-
(9CI) (CA INDEX NAME)

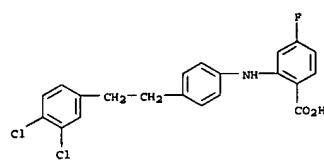


RN 313675-32-0 CAPLUS

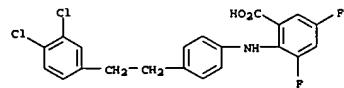
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-methyl-
(9CI) (CA INDEX NAME)



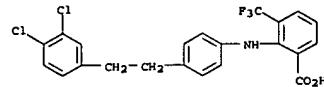
RN 313675-33-1 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-4-fluoro-
(9CI) (CA INDEX NAME)



RN 313675-34-2 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3,5-difluoro-
(9CI) (CA INDEX NAME)



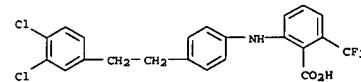
RN 313675-35-3 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)



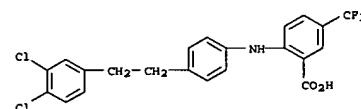
RN 313675-36-4 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

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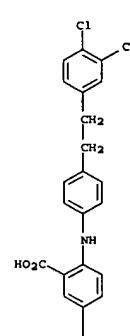
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-37-5 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(trifluoromethyl)-
(9CI) (CA INDEX NAME)



RN 313675-38-6 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(1H-pyrrol-1-yl)-
(9CI) (CA INDEX NAME)



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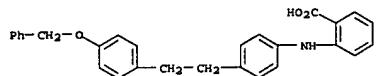
10/21/2003

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

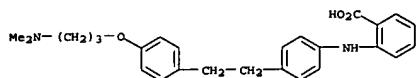
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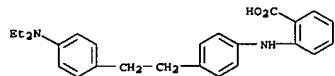
RN 313675-39-7 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-(phenylmethoxy)phenyl]ethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)



RN 313675-40-0 CAPLUS
 CN Benzoic acid,
 2-[(4-[2-(4-[3-(dimethylamino)propoxy]phenylethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)



RN 313675-41-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-(diethylamino)phenylethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)

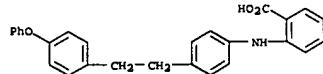


RN 313675-42-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-phenoxyphenylethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)

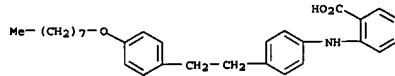
PAGE 2-A

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

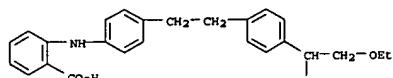
(Continued)



RN 313675-43-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-(octyloxy)phenylethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)



RN 313675-44-4 CAPLUS
 CN Benzoic acid,
 2-[(4-[2-(4-ethoxy-1-(ethoxymethyl)ethyl)phenylethyl]phenyl)amino]-
 (9CI) (CA INDEX NAME)



RN 313675-45-5 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(1H-pyrrol-1-yl)phenylethyl]phenyl)amino)-
 (9CI) (CA INDEX NAME)

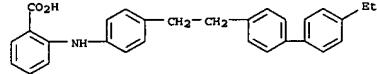
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)

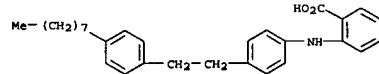
PAGE 1-A

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

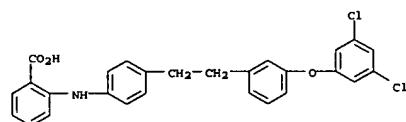
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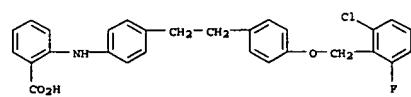
RN 313675-48-8 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-octylphenylethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)



RN 313675-49-9 CAPLUS
 CN Benzoic acid,
 2-[(4-[2-(3,5-dichlorophenoxy)phenylethyl]phenyl)amino)-
 (9CI) (CA INDEX NAME)

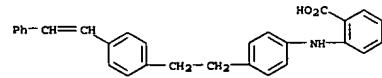


RN 313675-50-2 CAPLUS
 CN Benzoic acid,
 2-[(4-[2-(4-[2-chloro-6-fluorophenyl)methoxyphenylethyl]phenyl)amino)-
 (9CI) (CA INDEX NAME)



RN 313675-51-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(1H-pyrrol-1-yl)phenylethyl]phenyl)amino)-
 (9CI) (CA INDEX NAME)

RN 313675-46-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-phenylethyl)phenylethyl]phenyl)amino)-
 (9CI) (CA INDEX NAME)



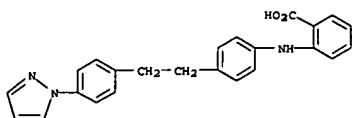
RN 313675-47-7 CAPLUS
 CN Benzoic acid, 2-[(4-[4'-ethyl(1,1'-biphenyl)-4-yl]ethyl)phenyl]amino)-
 (9CI) (CA INDEX NAME)

Habte

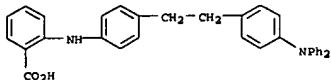
10/21/2003

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

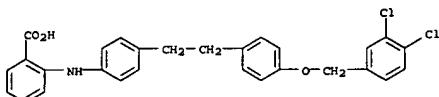
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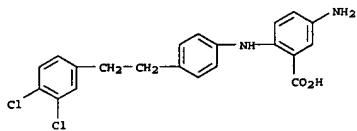
RN 313675-52-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-diphenylamino)phenyl]ethyl)phenyl]amino-
 (9CI) (CA INDEX NAME)



RN 313675-53-5 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-dichlorophenyl)methoxyphenyl]ethyl)phenyl]amino-
 (9CI) (CA INDEX NAME)

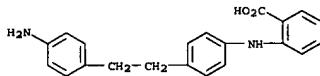


RN 313675-54-6 CAPLUS
 CN Benzoic acid, 5-amino-2-[(4-[2-(4-dichlorophenyl)ethyl]phenyl)amino]-
 (9CI) (CA INDEX NAME)

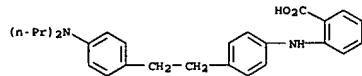


L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

RN 313675-65-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-aminophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

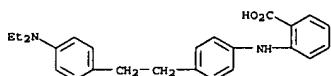


RN 313675-66-0 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-dipropylamino)phenyl]ethyl)phenyl]amino-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 313675-67-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(4-diethylamino)phenyl]ethyl)phenyl]amino-, monohydrochloride, monohydrate (9CI) (CA INDEX NAME)



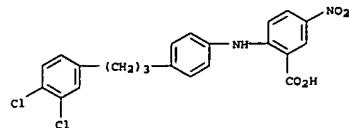
● HCl

● H2O

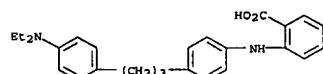
RN 313675-68-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3-dipropylamino)phenyl]propyl)phenyl]amino-
 (9CI) (CA INDEX NAME)

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

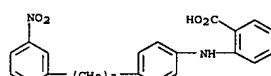
RN 313675-56-8 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-5-nitro-
 (9CI) (CA INDEX NAME)



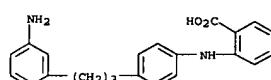
RN 313675-60-4 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(4-diethylamino)phenyl]propyl)phenyl]amino-
 (9CI) (CA INDEX NAME)



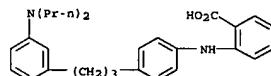
RN 313675-62-6 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3-nitrophenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



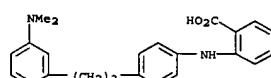
RN 313675-64-8 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3-aminophenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



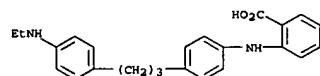
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



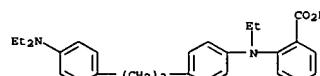
RN 313675-69-3 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3-dimethylamino)phenyl]propyl)phenyl]amino-
 (9CI) (CA INDEX NAME)



RN 313675-70-6 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(4-ethylamino)phenyl]propyl)phenyl]amino- (9CI) (CA INDEX NAME)



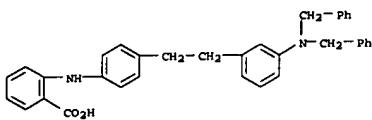
RN 313675-71-7 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(4-diethylamino)phenyl]propyl)phenyl]ethylamino-
 (9CI) (CA INDEX NAME)



RN 313675-72-8 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3-bis(phenylmethyl)amino)phenyl]ethyl)phenyl]amino-
 (9CI) (CA INDEX NAME)

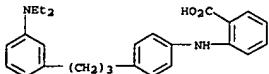
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



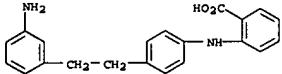
RN 313675-73-9 CAPLUS

CN Benzoic acid, 2-[(4-[3-(3-(diethylamino)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



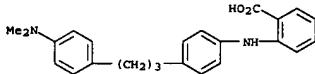
RN 313675-74-0 CAPLUS

CN Benzoic acid, 2-[(4-[2-(3-aminophenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



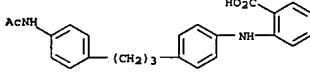
RN 313675-75-1 CAPLUS

CN Benzoic acid, 2-[(4-[3-(dimethylamino)phenyl]propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



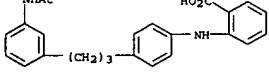
RN 313675-76-2 CAPLUS

CN Benzoic acid, 2-[(4-[2-(4-(acetylamino)phenyl)ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
CN Benzoic acid, 2-[(4-[3-(4-acetylaminophenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

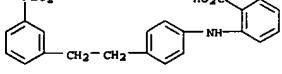
RN 313675-81-9 CAPLUS

CN Benzoic acid, 2-[(4-[3-(3-(acetylamino)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313675-82-0 CAPLUS

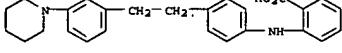
CN Benzoic acid, 2-[(4-[2-(3-(diethylamino)phenyl)ethyl]phenyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 313675-83-1 CAPLUS

CN Benzoic acid, 2-[(4-[2-(3-(1-piperidinyl)phenyl)ethyl]phenyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)



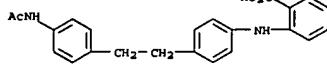
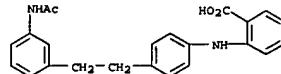
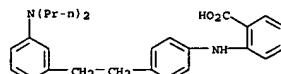
● HCl

RN 313675-84-2 CAPLUS

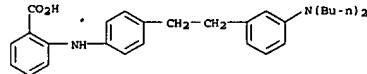
CN Benzoic acid, 2-[(4-[3-(4-dipropylamino)phenyl]propyl)phenyl)amino]- (9CI) (CA INDEX NAME)

Habte

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

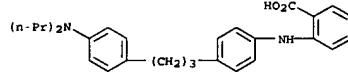
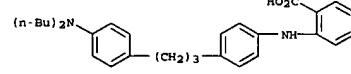
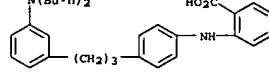
RN 313675-77-3 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-(acetylamino)phenyl)ethyl]phenyl)amino]- (CA INDEX NAME)RN 313675-78-4 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-(dipropylamino)phenyl)ethyl]phenyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 313675-79-5 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-(dibutylamino)phenyl)ethyl]phenyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

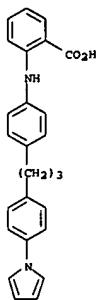
RN 313675-80-8 CAPLUS

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

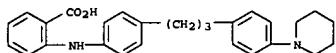
RN 313675-86-4 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(dibutylamino)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)RN 313675-87-5 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-(dibutylamino)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)RN 313675-89-7 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(1H-pyrrol-1-yl)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

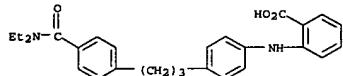
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RN 313675-91-1 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(1-piperidinyl)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

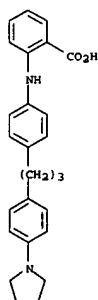


RN 313675-92-2 CAPLUS
CN Benzoic acid, 2-[(4-[3-[4-((diethylamino)carbonyl)phenyl]propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

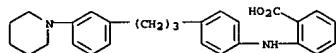


RN 313675-93-3 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-carboxyphenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

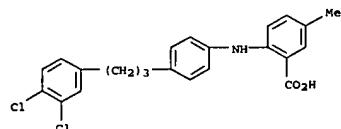
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313675-98-8 CAPLUS
CN Benzoic acid, 2-[(4-[3-(1-piperidinyl)phenyl]propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

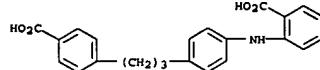


RN 313676-03-8 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-5-methyl- (9CI) (CA INDEX NAME)

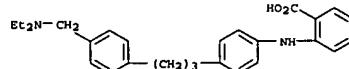


RN 313676-04-9 CAPLUS
CN Benzamide, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-N-(methylsulfonyl)- (9CI) (CA INDEX NAME)

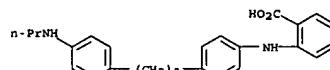
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



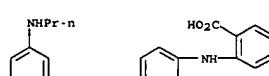
RN 313675-94-4 CAPLUS
CN Benzoic acid, 2-[(4-[3-[4-((diethylamino)methyl)phenyl]propyl]phenyl)amino]- (9CI) (CA INDEX NAME)



RN 313675-95-5 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(propylamino)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

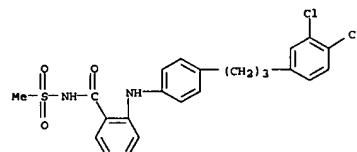


RN 313675-96-6 CAPLUS
CN Benzoic acid, 2-[(4-[3-(3-(propylamino)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

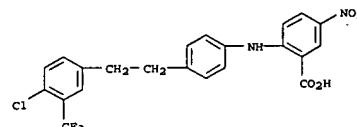


RN 313675-97-7 CAPLUS
CN Benzoic acid, 2-[(4-[3-(4-(1-pyrrolidinyl)phenyl)propyl]phenyl)amino]- (9CI) (CA INDEX NAME)

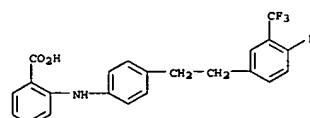
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-05-0 CAPLUS
CN Benzoic acid, 2-[(4-[2-[4-chloro-3-(trifluoromethyl)phenyl]ethyl]phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)



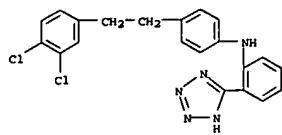
RN 313676-06-1 CAPLUS
CN Benzoic acid, 2-[(4-[2-[4-fluoro-3-(trifluoromethyl)phenyl]ethyl]phenyl)amino]- (9CI) (CA INDEX NAME)



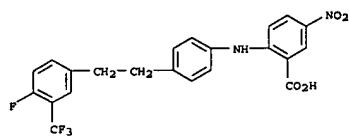
RN 313676-07-2 CAPLUS
CN Benzenamine, N-[4-[2-(3,4-dichlorophenyl)ethyl]phenyl]-2-(1H-tetrazol-5-yl)- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

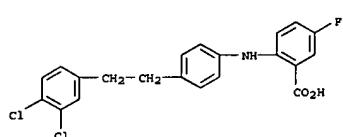
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RN 313676-08-3 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-fluoro-3-(trifluoromethyl)phenyl)ethyl)phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)



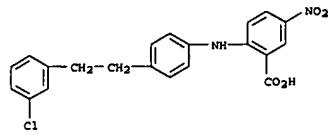
RN 313676-09-4 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl)amino]-5-fluoro- (9CI) (CA INDEX NAME)



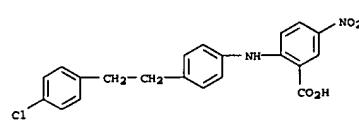
RN 313676-11-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-chlorophenyl)ethyl)phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

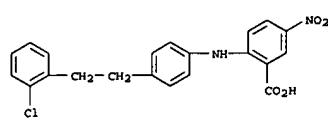
(Continued)



RN 313676-12-9 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4-chlorophenyl)ethyl)phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)



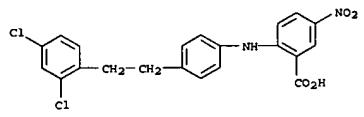
RN 313676-13-0 CAPLUS
CN Benzoic acid, 2-[(4-(2-(2-chlorophenyl)ethyl)phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)



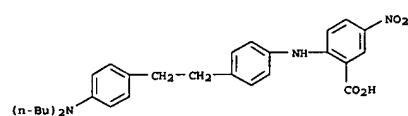
RN 313676-14-1 CAPLUS
CN Benzoic acid, 2-[(4-(2-(2,4-dichlorophenyl)ethyl)phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

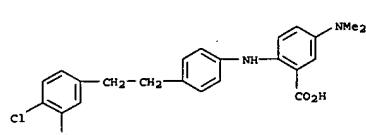
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



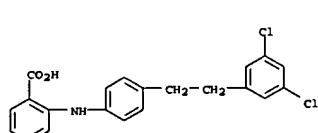
RN 313676-15-2 CAPLUS
CN Benzoic acid, 2-[(4-(2-(dibutylamino)ethyl)phenyl)amino]-5-nitro- (9CI) (CA INDEX NAME)



RN 313676-16-3 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl)amino]-5-(dimethylamino)- (9CI) (CA INDEX NAME)



RN 313676-17-4 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,5-dichlorophenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)

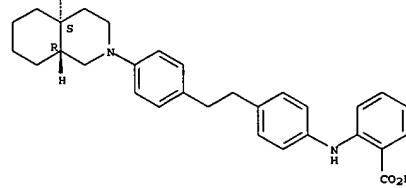


LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

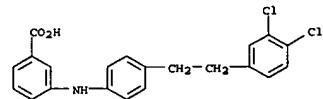
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

RN 313676-18-5 CAPLUS
CN Benzoic acid, 2-[(4-(2-(4aS,8aR)-octahydro-2(1H)-isoquinolinyl)phenyl)amino]- (9CI) (CA INDEX NAME)

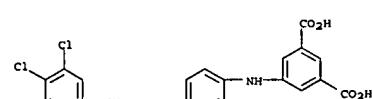
Absolute stereochemistry.



RN 313676-26-5 CAPLUS
CN Benzoic acid, 3-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



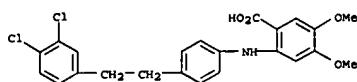
RN 313676-27-6 CAPLUS
CN 1,3-Benzenedicarboxylic acid, 5-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



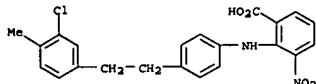
RN 313676-28-7 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3,4-dichlorophenyl)ethyl)phenyl)amino]-4,5-dimethoxy- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

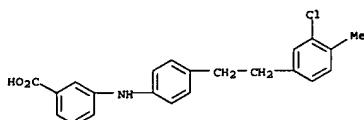
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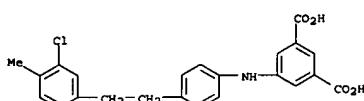
RN 313676-29-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-chloro-4-methylphenyl)ethyl)phenyl]amino]-3-nitro- (9CI) (CA INDEX NAME)



RN 313676-30-1 CAPLUS
CN Benzoic acid, 3-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

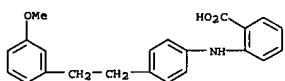


RN 313676-31-2 CAPLUS
CN 1,3-Benzenediacrylic acid, 5-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

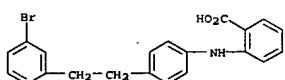


RN 313676-32-3 CAPLUS
CN Benzoic acid, 2-[(4-[2-(3-chloro-4-methylphenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

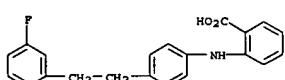
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



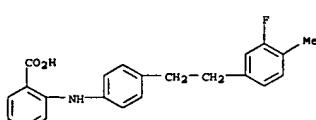
RN 313676-36-7 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-bromophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313676-37-8 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-fluorophenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

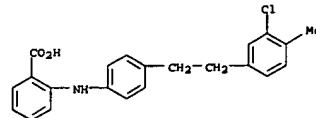


RN 313676-39-0 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-fluoro-4-methylphenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)



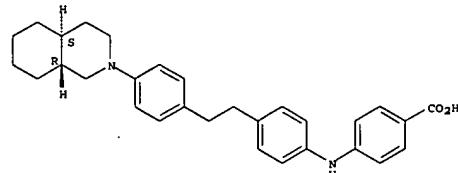
RN 313676-40-3 CAPLUS
CN Benzoic acid, 2-[(4-(3-(diethylamino)propyl)phenyl]amino)-5-nitro- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (CA INDEX NAME) (Continued)

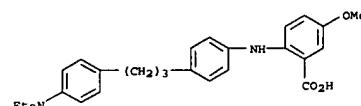


RN 313676-33-4 CAPLUS
CN Benzoic acid, 4-[(4-[2-(4-(4S,8aR)-octahydro-2(1H)-isoquinolinyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

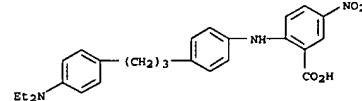


RN 313676-34-5 CAPLUS
CN Benzoic acid, 2-[(4-[3-(diethylamino)phenyl]propyl)phenyl]amino)-5-methoxy- (9CI) (CA INDEX NAME)

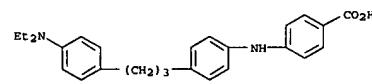


RN 313676-35-6 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-methoxyphenyl)ethyl)phenyl]amino)- (9CI) (CA INDEX NAME)

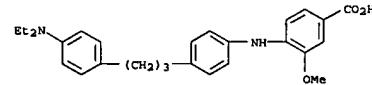
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



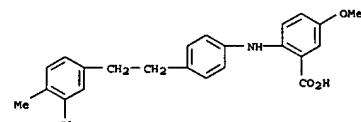
RN 313676-41-4 CAPLUS
CN Benzoic acid, 4-[(4-[3-(diethylamino)phenyl]propyl)phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313676-42-5 CAPLUS
CN Benzoic acid, 4-[(4-[3-(diethylamino)phenyl]propyl)phenyl]amino)-3-methoxy- (9CI) (CA INDEX NAME)



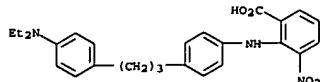
RN 313676-43-6 CAPLUS
CN Benzoic acid, 2-[(4-(2-(3-chloro-4-methylphenyl)ethyl)phenyl]amino)-5-methoxy- (9CI) (CA INDEX NAME)



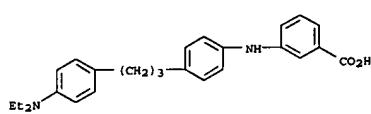
RN 313676-46-9 CAPLUS
CN Benzoic acid, 2-[(4-(3-(diethylamino)phenyl)propyl)phenyl]amino)-3-nitro- (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

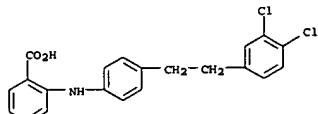
(Continued)



RN 313676-47-0 CAPLUS
 CN Benzoic acid, 3-[(4-[(4-(diethylamino)phenyl)propyl]phenyl]amino]- (9CI)
 (CA INDEX NAME)



RN 313676-49-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino-, monosodium salt (9CI) (CA INDEX NAME)

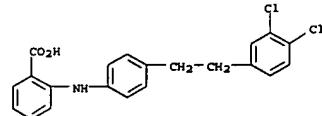


● Na

RN 313676-50-5 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino-, monopotassium salt (9CI) (CA INDEX NAME)

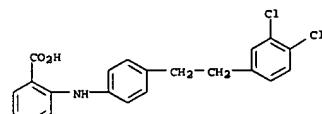
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



● K

RN 313676-51-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino-, calcium salt (1:1) (9CI) (CA INDEX NAME)



● Ca

RN 313676-52-7 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino-, compd. with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1) (9CI) (CA INDEX NAME)

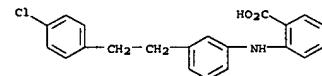
CM 1

CRN 313674-97-4
 CMF C21 H17 Cl2 N O2

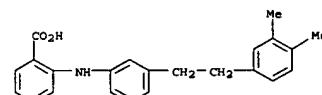
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)

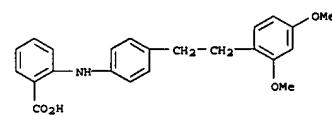
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 RN 313676-55-0 CAPLUS
 CN Benzoic acid, 2-[(3-[2-(4-chlorophenyl)ethyl]phenyl]amino- (9CI) (CA INDEX NAME)



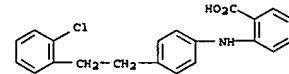
RN 313676-56-1 CAPLUS
 CN Benzoic acid, 2-[(3-[2-(3,4-dimethylphenyl)ethyl]phenyl]amino- (9CI) (CA INDEX NAME)



RN 313676-57-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(2,4-dimethoxyphenyl)ethyl]phenyl]amino- (9CI) (CA INDEX NAME)

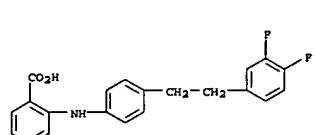


RN 313676-58-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(2-chlorophenyl)ethyl]phenyl]amino- (9CI) (CA INDEX NAME)



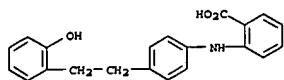
RN 313676-59-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(2-hydroxyphenyl)ethyl]phenyl]amino- (9CI) (CA INDEX NAME)

RN 313676-54-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-difluorophenyl)ethyl]phenyl]amino- (9CI) (CA INDEX NAME)

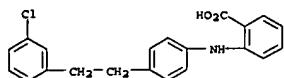


LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

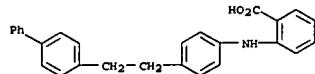
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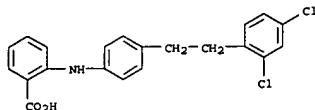
RN 313676-60-7 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3-chlorophenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)



RN 313676-61-8 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(1,1'-biphenyl)-4-yethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

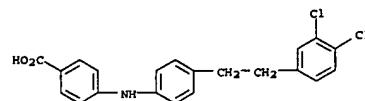


RN 313676-62-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(2,4-dichlorophenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

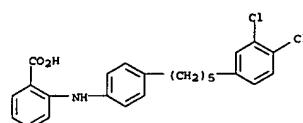


RN 313676-63-0 CAPLUS
 CN Benzoic acid, 4-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino)- (9CI) (CA INDEX NAME)

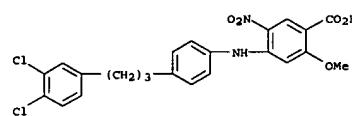
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-65-2 CAPLUS
 CN Benzoic acid, 2-[(4-[5-(3,4-dichlorophenyl)pentyl]phenyl]amino)- (9CI) (CA INDEX NAME)

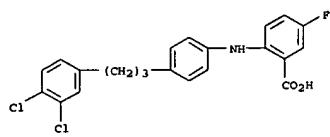


RN 313676-67-4 CAPLUS
 CN Benzoic acid, 4-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-2-methoxy-5-nitro- (9CI) (CA INDEX NAME)

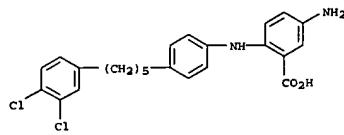


RN 313676-69-6 CAPLUS
 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-5-fluoro- (9CI) (CA INDEX NAME)

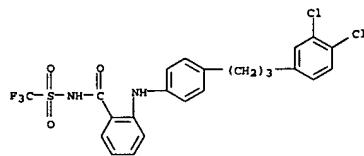
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-70-9 CAPLUS
 CN Benzoic acid, 5-amino-2-[(4-[5-(3,4-dichlorophenyl)pentyl]phenyl]amino)- (9CI) (CA INDEX NAME)

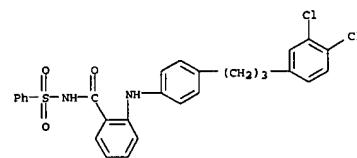


RN 313676-71-0 CAPLUS
 CN Benzamide, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-N-[(trifluoromethyl)sulfonyl]- (9CI) (CA INDEX NAME)

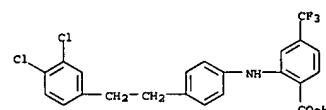


RN 313676-72-1 CAPLUS
 CN Benzamide, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl]amino)-N-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

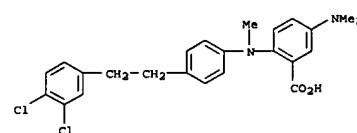
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



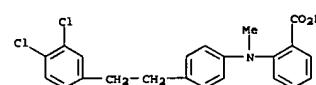
RN 313676-73-2 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl]amino)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 313676-74-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)methylamino)-5-(dimethylamino)- (9CI) (CA INDEX NAME)



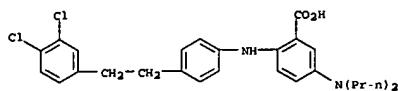
RN 313676-75-4 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)methylamino)- (9CI) (CA INDEX NAME)



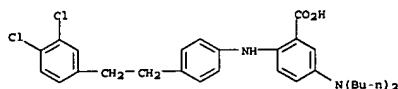
RN 313676-76-5 CAPLUS

10/21/2003

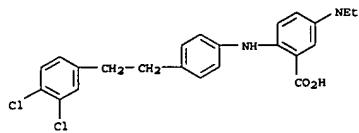
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(dipropylamino)- (9CI) (CA INDEX NAME)



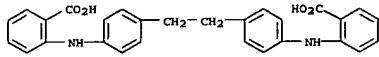
RN 313676-77-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(dipropylamino)- (9CI) (CA INDEX NAME)



RN 313676-78-7 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-(diethylamino)- (9CI) (CA INDEX NAME)



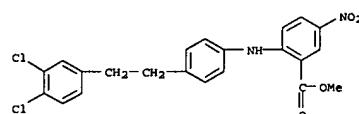
RN 313676-79-8 CAPLUS
 CN Benzoic acid, 2,2'-(1,2-ethanediylbis(4,1-phenyleneimino))bis- (9CI) (CA INDEX NAME)



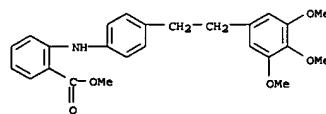
IT 313676-82-3P, 2-[(4-[2-(3,4-Dichlorophenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid methyl ester 313676-85-6P,

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 2-[(4-[2-(3,4,5-Trimethoxyphenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid methyl ester 313676-88-9P, 2-[(4-[2-(3,4-Dichlorophenyl)propyl]phenyl)amino]-4-methoxy-5-nitrobenzoic acid methyl ester 313676-89-0P,
 2-[(4-[2-(3,4-Dichlorophenyl)propyl]phenyl)amino]-4-imidazol-1-yl-5-nitrobenzoic acid methyl ester 313676-90-3P,
 2-[(4-[2-(3,4-Dichlorophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313676-94-9P, 2-[(4-[5-(3,4-Dichlorophenyl)pentyl]phenyl)amino]-4-methoxy-5-nitrobenzoic acid methyl ester 313676-97-0P,
 2-[(4-[2-(3,4-Dimethylphenyl)ethyl]phenyl)amino]-5-nitrobenzoic acid methyl ester 313676-98-1P, 2-[(4-[2-(3,4-Aminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-02-0P, 2-[(4-[3-(4-Ethylaminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-03-1P, 2-[(4-[3-(4-Diethylaminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-04-2P, 2-[(4-[3-(4-Ethylaminophenyl)propyl]phenyl)amino]benzoic acid methyl ester 313677-05-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent); intermediate; prepn. and use of [(phenylalkyl)phenyl]amino]benzoic acids and analogs as amyloid protein aggregation inhibitors)

RN 313676-82-3 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)ethyl]phenyl)amino]-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

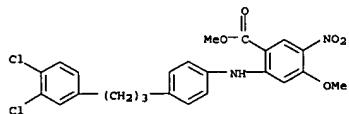


RN 313676-85-6 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4,5-trimethoxyphenyl)ethyl]phenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)

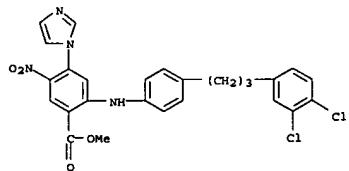


RN 313676-88-9 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)propyl]phenyl)amino]-4-methoxy-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

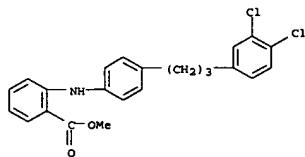
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313676-89-0 CAPLUS
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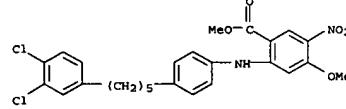


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 CN Benzoic acid, 2-[(4-[3-(3,4-dichlorophenyl)propyl]phenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)

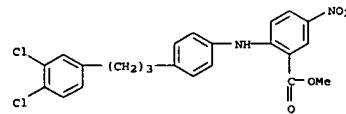


RN 313676-96-9 CAPLUS
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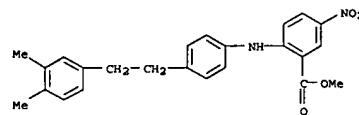
L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



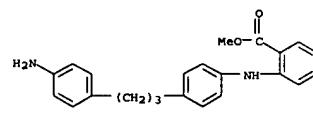
RN 313676-97-0 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dichlorophenyl)propyl]phenyl)amino]-5-nitro-, methyl ester (9CI) (CA INDEX NAME)



RN 313676-98-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-dimethylphenyl)ethyl]phenyl)amino]-5-nitro-, methyl ester (9CI) (CA INDEX NAME)

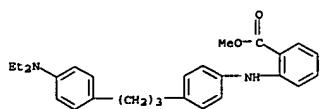


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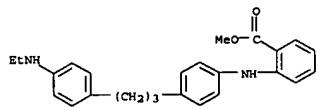


RN 313677-03-1 CAPLUS
 CN Benzoic acid, 2-[(4-[2-(3,4-diethylamino)phenyl]propyl]phenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)

LS ANSWER 1 OF 1 CAPIUS COPYRIGHT 2003 ACS on STN (Continued)



RN 313677-04-2 CAPIUS
CN Benzoic acid, 2-[(4-[3-[(4-(ethylamino)phenyl)propyl]phenyl]amino)-, methyl ester (9CI) (CA INDEX NAME)



10/009,611

Page 56

=> log Y		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	234.31	382.67
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-33.20	-33.20

STN INTERNATIONAL LOGOFF AT 15:22:39 ON 21 OCT 2003

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10/21/2003

(3)

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STRUCTURE FILE UPDATES: 20 OCT 2003 HIGHEST RN 607332-91-2
 DICTIONARY FILE UPDATES: 20 OCT 2003 HIGHEST RN 607332-91-2

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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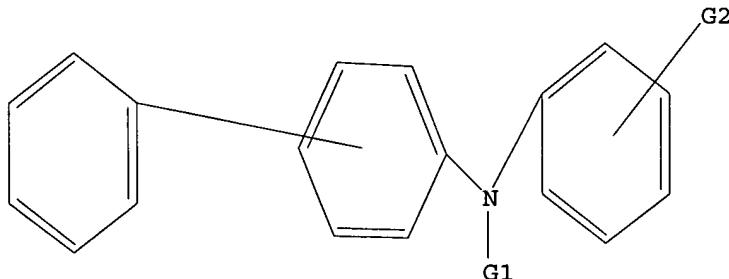
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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L1 STRUCTURE UPLOADED

=> d 11
 L1 HAS NO ANSWERS
 L1 STR



G1 C, H, Ak
 G2 COOH, Hy, SO2, C

Structure attributes must be viewed using STN Express query preparation.

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 SAMPLE SCREEN SEARCH COMPLETED - 7038 TO ITERATE

14.2% PROCESSED 1000 ITERATIONS
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 SEARCH TIME: 00.00.01

6 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
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 PROJECTED ANSWERS: 455 TO 1233

L2 6 SEA SSS SAM L1

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100.0% PROCESSED 140511 ITERATIONS 524 ANSWERS
 SEARCH TIME: 00.00.06

L3 524 SEA SSS FUL L1

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FILE COVERS 1907 - 21 Oct 2003 VOL 139 ISS 17
 FILE LAST UPDATED: 20 Oct 2003 (20031020/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

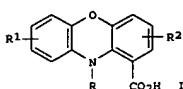
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 L5 4 L4 AND ALZHEIMER?

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L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:964339 CAPLUS
 DOCUMENT NUMBER: 138:24720
 TITLE: Preparation of phenoxazine compounds for treatment of amyloid protein aggregation diseases
 INVENTOR(S): Lu, Jianging
 PATENT ASSIGNEE(S): Peop. Rep. China
 SOURCE: PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002100843	AI	20021219	WO 2001-CN968	20010613
M: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.: WO 2001-CN968 20010613				
OTHER SOURCE(S): MARPAT 138:24720				
GI				



AB Title compds I (R = alkyl; R1 = H, OH, halo, alkylamino, dialkylamino, alkoxy, etc.; R2 = H, OH, NO₂, carboxy, cyano, halo, etc.) and their pharmaceutical acceptable salts, esters, amides and prodrugs thereof, useful for treatment of amyloid protein aggregation diseases and for imaging amyloid deposits, are prep'd. Thus, reaction of 2-(3-hydroxy-2-naphthylamino)-3,5-dinitrobenzoic acid with eq. NaOAc gave 84% 2-(3-hydroxy-2-naphthylamino)-3,5-dinitrobenzoic acid, refluxing of which with eq. NaOH gave 7% 3-nitro-12H-benz[b]phenoxazine-1-carboxylic acid (II). II showed in vitro amyloid protein aggregation inhibitory activity.

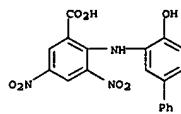
IT 406205-45-6

RL: RCT (Reactant); RACT (Reactant or reagent)
 (prep. of phenoxazine compds. for treatment of amyloid protein aggregation diseases)

RN 406205-45-6 CAPLUS

CN Benzoic acid, 2-[(4-hydroxy[1,1'-biphenyl]-3-yl)amino]-3,5-dinitro- (9CI)

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

PRIORITY APPLN. INFO.: WO 2001-CN968 20010613

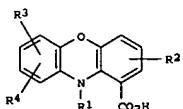
OTHER SOURCE(S): MARPAT 138:24720

GI

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2002:253016 CAPLUS
 DOCUMENT NUMBER: 136:279462
 TITLE: Preparation of phenoxazine analogs for the treatment of amyloidosis-related diseases
 INVENTOR(S): Augelli-Szafrański, Corinne Elizabeth; Lai, Yingjie; Yasunaga, Tomoyuki
 PATENT ASSIGNEE(S): Warner-Lambert Company, USA
 SOURCE: Eur. Pat. Appl., 30 pp.
 CODEN: EPXXD1

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1193260	AI	20020403	EP 2001-122733	20010921
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US 2002143012	A1	20021003	US 2001-966534	20010927
JP 2002201186	A2	20020716	JP 2001-301315	20010928
BR 2001004344	A	20030305	BR 2001-4344	20010928
PRIORITY APPLN. INFO.: US 2000-236966 P 20000929				
OTHER SOURCE(S): MARPAT 136:279462				
GI				



AB The title phenoxazine derivs. [I; R1 = hydrogen, lower alkyl, cycloalkyl; R2 = hydrogen, lower alkyl(oxy), halogen, hydroxy, eryl, heteroaryl, arylalkyl, heteroarylsalkyl, arylalkoxy, heteroaralkoxy, cyano, carboxy, alkoxy carbonyl, carbamoyl, sulfamoyl, nitro, trifluoromethyl, amino, mono-

mono- or dialkylamino; R3, R4 = hydrogen, lower alkoxy, aryl, heteroaryl, halogen, hydroxy, cyano, carboxy, alkoxy carbonyl, carbamoyl, sulfamoyl, nitro, trifluoromethyl, amino, mono- or dialkylamino, (un)substituted lower alkyl or lower alkenyl; R3R4 = (un)substituted carbocyclic group], useful for the treatment of amyloid protein-aggregation diseases (e.g., Alzheimer's disease) and with labeled I compds. for imaging amyloid deposits, are prep'd. and 1-contg. pharmaceutical formulation presented. Also, 3-aminonaphthalen-2-ol was condensed with 2-chloro-3,5-dinitrobenzoic acid to produce

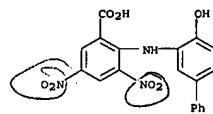
2-[3-hydroxy-2-naphthylamino]-3,5-dinitrobenzoic acid (m.p. 154-156.degree.) which was subjected to an intramol. Cyclocondensation reaction, producing 3-nitrobenzoyl phenoxazinecarboxylic acid (m.p. >230.degree.) which demonstrated an inhibition of amyloid protein aggregation in an assay.

IT 406205-45-6

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 (Reactant or reagent)
 (in the prep. of phenoxazine analogs for the treatment of amyloidosis-related diseases)

RN 406205-45-6 CAPLUS
 CN Benzoic acid, 2-[(4-hydroxy[1,1'-biphenyl]-3-yl)amino]-3,5-dinitro- (9CI)
 (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

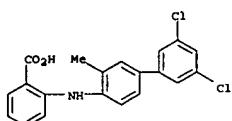
FORMAT

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2000:900433 CAPLUS
 DOCUMENT NUMBER: 134:56480
 TITLE: Method of inhibiting amyloid protein aggregation, treating Alzheimer's disease, and imaging amyloid deposits using
 [(phenylalkyl)phenyl]aminobenzoic acids and analogs
 INVENTOR(S): Augelli-Szafrań, Corinne Elizabeth; Barvian, Mark Robert; Biggs, Christopher Franklin; Glase, Shelly Ann; Hachiya, Shunichiro; Keily, John Steven; Kimura, Takenori; Lei, Yingjie; Sakkab, Annette Theresa; Suto, Mark James; Walker, Lary Cresswell; Yasunaga, Tomoyuki; Zhuang, Nian
 PATENT ASSIGNEE(S): Warner-Lambert Company, USA; Yamanouchi Pharmaceutical Company, Ltd.; et al.
 SOURCE: PCT Int. Appl., 135 pp.
 CODEN: PIXKD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2000076489	A2	20001221	WO 2000-US15071	20000531	
WO 2000076489	A3	20020530			
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BR 2000011728	A	20020226	BR 2000-11728	20000531	
EP 1225886	A2	20020731	EP 2000-939471	20000531	
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
JP 2003504310	T2	20030204	JP 2001-502823	20000531	
EE 20010673	A	20030217	EE 2001-673	20000531	
NO 2001005995	A	20020204	NO 2001-5995	20011207	
BG 106293	A	20020628	BG 2002-106293	20020109	
PRIORITY APPLN. INFO.:		US 1999-138550P	P	19990610	
		WO 2000-US15071	W	20000531	

OTHER SOURCE(S): MARPAT 134:56480
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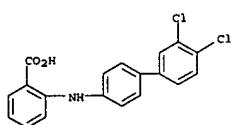
L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



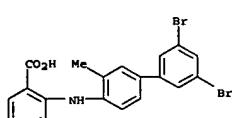
IT 313675-58-0P, 2-[(4-(3',5'-Dichlorophenyl)phenyl)amino]benzoic acid
 313676-20-9P, 2-[(3',5'-Dibromo-3-methylbiphenyl)-4-yl)amino]benzoic acid 313676-21-0P, 2-[(4-(1,3-Benzodioxol-5-yl)-2-methylphenyl)amino]benzoic acid 313676-23-2P, 2-[(2',2',4'-Trichlorobiphenyl-4-yl)amino]benzoic acid 313676-24-3P, 2-[(2-Chloro-3',4'-difluorobiphenyl-4-yl)amino]benzoic acid 313676-25-4P, 2-[(3'Bromo-2-chlorobiphenyl-4-yl)amino]benzoic acid 313676-66-3P, 2-[(3',5'-Dichlorobiphenyl-4-yl)amino]benzoic acid
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (drug candidate; prepn. and use of [(phenylalkyl)phenyl]aminobenzoic acids and analogs as amyloid protein aggregation inhibitor)

RN 313675-58-0 CAPLUS

CN Benzoic acid, 2-[(3',4'-dichloro[1,1'-biphenyl]-4-yl)amino]- (9CI) (CA INDEX NAME)

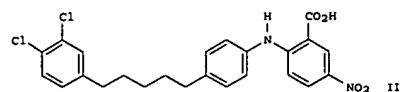
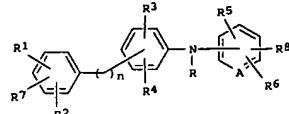


RN 313676-20-9 CAPLUS
 CN Benzoic acid, 2-[(3',5'-dibromo-3-methyl[1,1'-biphenyl]-4-yl)amino]- (9CI)
 (CA INDEX NAME)



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L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



AB The invention provides a method of treating Alzheimer's disease using compds. I and their pharmaceutically acceptable salts [wherein: R = H, alkyl, alkoxy; n = 0-5; R1-R7 = H, halo, OH, (un)substituted NH2 or cyclic amino, CO2H or derivs., NO2, alkoxy, CF3, cyano, (un)substituted OPh, etc.; or R1R2 = OCH2O, tetrazolyl, SO2R9, CONHSO2R9; R9 = H, alkyl, CF3, or Ph; A = CH or NJ]. Also provided is a method of inhibiting the aggregation of amyloid proteins using I, and a method of imaging amyloid deposits, as well as new compds. Claims further include pharmaceutical formulations contg. I. Examples include 163 synthetic examples and 4 bioassays. For instance, title compd. II was prep'd. by a sequence of: (1) reaction of 4-(bromomethyl)-1,2-dichlorobenzene with

PPh3 to give a bromophosphorane (i.e., phosphonium salt) (78%); (2) Swern oxidn. of 4-(4-nitrophenyl)butan-1-ol to the aldehyde (65%); (3) Wittig reaction of the above 2 products to give an alkene (99%); (4) hydrogenation of the alkene and nitro functions (46%); and (5) lithiation and coupling of the amine with 2-fluoro-5-nitrobenzoic acid (75%). In an assay for inhibition of self-seeded amyloid fibril growth, II had an IC50 of 0.9 μM. A combinatorial methodol. for prepn. of I is also described.

IT 313676-19-6P, 2-[(3',5'-Dichloro-3-methylbiphenyl-4-

y1)amino]benzoic acid

RL: BAC (Biological activity or effector, except adverse); BSU

(Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

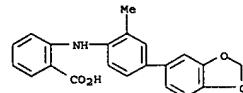
(drug candidate; prepn. and use of [(phenylalkyl)phenyl]aminobenzoic acids and analogs as amyloid protein aggregation inhibitor)

RN 313676-19-6 CAPLUS

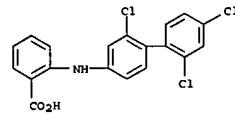
CN Benzoic acid, 2-[(4-(3',5'-dichloro-3-methylbiphenyl)-4-yl)amino]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

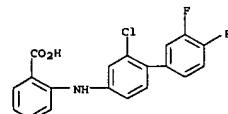
RN 313676-21-0 CAPLUS
 CN Benzoic acid, 2-[(4-(1,3-benzodioxol-5-yl)-2-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 313676-23-2 CAPLUS
 CN Benzoic acid, 2-[(2,2',4'-trichloro[1,1'-biphenyl]-4-yl)amino]- (9CI) (CA INDEX NAME)



RN 313676-24-3 CAPLUS
 CN Benzoic acid, 2-[(2-chloro-3',4'-difluorobiphenyl)-4-yl]amino]- (9CI) (CA INDEX NAME)



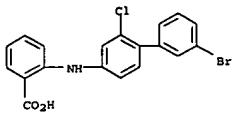
RN 313676-25-4 CAPLUS
 CN Benzoic acid, 2-[(3'-bromo-2-chloro[1,1'-biphenyl]-4-yl)amino]- (9CI) (CA INDEX NAME)

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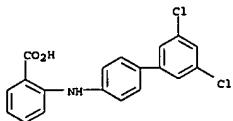
DJM WOK

LS ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN

(Continued)



RN 313676-66-3 CAPLUS
 CN Benzoic acid, 2-((3',5'-dichloro[1,1'-biphenyl]-4-yl)amino)- (9CI) (CA INDEX NAME)



LS ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:325898 CAPLUS

DOCUMENT NUMBER: 130:349400

TITLE: Compounds for the antemortem diagnosis of Alzheimer's disease and in vivo imaging and prevention of amyloid deposition

INVENTOR(S): Klunk, William E.; Pettegrew, Jay W.; Mathis, Chester A., Jr.

PATENT ASSIGNEE(S): University of Pittsburgh, USA

SOURCE: PCT Int. Appl., 179 pp.

CODEN: PIXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9924394	A2	19990520	WO 1998-US23598	19981106
WO 9924394	A3	19990819		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MM, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RM: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6417178 B1 20020709 US 1997-968902 19971106

CA 2309626 A1 19990520 CA 1998-2309626 19981106

AU 9913833 A1 19990531 AU 1999-13833 19981106

EP 1028941 A2 20000823 EP 1998-957613 19981106

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

EE 200000278 A1 20010815 EE 2000-20000027819981106

JP 2001522829 T2 20011120 JP 2000-520408 19981106

BR 9812776 A 20030610 BR 1998-12776 19981106

NO 2000002380 A 20000704 NO 2000-2380 20000505

PRIORITY APPLN. INFO.:

US 1997-968902 A1 19971106

US 1994-282289 B1 19940719

US 1995-432019 B2 19950501

US 1996-640704 B2 19960501

WO 1998-US23598 W 19981106

OTHER SOURCE(S): MARPAT 130:349400

AB Amyloid binding compds. which are derivs. of Chrysamine G, pharmaceutical compns. contg., and methods using such compds. to identify Alzheimer's brain in vivo and to diagnose other pathol. conditions characterized by amyloidosis, such as Down's Syndrome are described. Pharmaceutical compns. contg. Chrysamine G and derivs. thereof and methods

using such compns. to prevent cell degeneration and amyloid-induced toxicity in amyloidosis assoccd. conditions are also discussed. Methods using Chrysamine G derivs. to stain or detect amyloid deposits in biopsy or post-mortem tissue are also described. Methods using Chrysamine G derivs. to quantify amyloid deposits in homogenates of biopsy and post-mortem tissue are also presented. Syntheses of Chrysamine G derivs.

LS ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

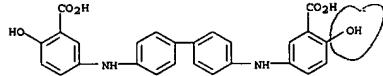
are outlined.

IT 224820-58-09

RL: SPN (Synthetic preparation); PREP (Preparation)
 (compds. for diagnosis of Alzheimer's disease and in vivo imaging and prevention of amyloid deposition)

RN 224820-58-0 CAPLUS

CN Benzoic acid, 3,3'-(1,1'-biphenyl)-4,4'-diyldiimino)bis[6-hydroxy- (9CI) (CA INDEX NAME)



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